SYLLABUS

Summer Academy for Social Vulnerability

Global Water Hotspots:
Water-related social vulnerabilities and resilience-building

23 – 29 July 2006, Munich Re Center at Schloss Hohenkammer
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2006 Summer Academy Syllabus

Purpose:
The 2006 Summer Academy on Social Vulnerability was established by the Munich Re Foundation and the United Nations University Institute for Environment and Human Security (UNU-EHS). The purpose of the academy is ultimately to contribute to providing people knowledge that they can use to reduce their vulnerability and improve their quality of life. The Summer Academy works towards this purpose by giving a small number of outstanding PhD candidates from all over the world a platform to present and discuss their research with peers and high level scientists.

The Summer Academy will advance the science of social vulnerability in discussion of the “state of the art,” research needs, and strategies to address academic, policy, and practical knowledge gaps. The Summer Academy will provide intensive interaction between PhD candidates, leading international experts and scholars in social vulnerability, as well as senior scientists from the United Nations University and Munich Re Foundation. The academy strives to overcome the limits of approaching social vulnerability from the confines of one academic discipline. This interdisciplinary approach will allow participants to tap competence networks and comprehensive, practical approaches to vulnerability reduction.

The Summer Academy is a week-long intensive work session on water-related social vulnerabilities and resilience building. Each participant will play multiple roles: presenter, peer reviewer, rapporteur (in the case of experts also moderators). The success of the Summer Academy depends on the full engagement of each participant. The program has been designed to facilitate networking, in depth dialogue, and scientific exchange.

Learning Objectives:
The Summer Academy involves a broad scope of academic participants, ranging from PhDs working on their dissertations to international experts and senior professors. With this type of participants, the learning objectives will center on synthesis and evaluation competences (Bloom 1984). That means that the Summer Academy will move beyond classic undergraduate classroom learning objectives such as knowledge, comprehension, and application, and focus more on higher-level competences useful for advanced research. If successful, the 2006 Summer Academy will foster these competences vis-à-vis various approaches in social vulnerability science.

The 2006 Summer Academy will enhance the ability of participants to contribute to social vulnerability science, through the further refinement of essential academic and professional skills. Learning objectives cover three areas, with the goal of deepening knowledge and skills useful for high-quality research in social vulnerability science. The objectives complement the activities of the Munich Re Foundation. Specifically, the program of the Summer Academy has been developed to foster and support:

- **State-of-the-art update (and literature):**
  - Gain an overview of the “state-of-the-art” in social vulnerability science, including active exchange about key literature and research methods.
  - Relate knowledge from several academic disciplines to finding solutions/building capacity in the field of social vulnerability. Participants will have the chance to be rapporteurs and identify the major issues presented during sessions. In this capacity the rapporteurs will support the MRF chairs and session participants to articulate the most pressing issues/emerging research agenda in social vulnerability. This “list” of pressing issues will set the stage for discussion about possible solutions to research gaps in social vulnerability science.

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• **Peer review feedback:** Articulate how selected models and approaches in specific research problems, such as PhD dissertation research projects, fit in the spectrum of social vulnerability science. Identify bridges to other research topics and critically assess the circumstances which particular research methods are appropriate. This objective will be reached through peer review opportunities.

• **Professional networks:**
  o Extend and deepen professional networks, in particular between PhDs, experts, and professors. Participants should learn enough about their colleagues’ work to be able to create strategic relationships for collaborative research and activities that address reduction of social vulnerability.

**Annexes:**

Annex 1: Overview of Summer Academy program
Annex 2: 2006 Summer Academy learning objectives, desired outcomes, and evaluation.
Annex 3: Detailed session descriptions with titles, keywords, and central questions for session
Annex 4: Overview of responsibilities (presentations, peer review, rapporteuring)
Annex 5: Pre-Academy Evaluation
Annex 6: Post-Academy Evaluation
Annex 7: Venue information

**Tasks and responsibilities**

Participants at the 2006 Summer Academy have two types of tasks: preparation of a paper and associated presentation for the Summer Academy, and tasks/roles to fulfill as part of the Summer Academy program itself between 23 and 29 July, 2006.

Participants should come to the Summer Academy with completed draft papers that are ready to be peer-reviewed and, should they be chosen for publication, which would require only minimal editorial revisions. Presentations should be prepared in advance and sent by email to Koko Warner (warner@ehs.unu.edu) by 19 July 2006. Selected papers might be published in the UNU publications series SOURCE, in academic journals related to social vulnerability, or in other media. More detailed guidelines for papers and presentations will be sent before the Summer Academy.

The Summer Academy program consists of: Keynote lectures by the Munich Re Foundation Chairs and invited experts, PhD research presentations, and roundtable discussions lead by UNU-EHS academic officers. The program is designed to fulfill the objectives of the Summer Academy (below) by assigning specific responsibilities/roles to each individual participant. Annex 1 features a draft program of the Summer Academy. More detailed session descriptions, and guidelines to fulfill each assigned task can be found in Annex 3, and an overview of individual responsibilities can be found in Annex 4.

**Description of roles**

• PhD Candidates: present original research, provide peer review comments and feedback to other PhDs about their respective research, rapporteur individual sessions (each PhD will report on one or two sessions)
• MRF Chair on Social Vulnerability: keynote speeches, feedback to PhDs about their research, exchange with other experts and PhDs about the state-of-the-art in social vulnerability
• UNU-EHS: lead roundtable discussions, state-of-the-art, identify knowledge and action gaps, provide bridge between knowledge and action
• MRF: provide specific ideas about how knowledge and action can be brought closer together in projects

**Contact and Venue information:** For more information or questions, feel free to contact Dr. Koko Warner [warner@ehs.unu.edu](mailto:warner@ehs.unu.edu). The Summer Academy will be held at Schloss Hohenkammer, in the countryside north of Munich, Germany. Specific venue information to orient participants about the venue and local surroundings can be found in Annex 7.
### Annex 1: Overview of Summer Academy program

#### Summer Academy on Social Vulnerability: Final program

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<td>Overview, Objectives: JB, KW</td>
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<td>19.30 - 19.45</td>
<td>A2: The context; People at the crossroad</td>
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<td>dinner</td>
<td>dinner</td>
<td>dinner</td>
<td>Closing remarks: IL, JB</td>
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<td>A2: Worldviews, Models, &amp; Soc.</td>
<td>Evening stroll to organic farm, 19:00 (optional)</td>
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#### Notes

- **MRF Chaired discussions/working session**: Announced in the program.
- **PhD presentations and moderated discussions**: Announced in the program.
- **Free time**: Non-program activities.
- **Roundtable discussions**/Special sessions and PhD presentations**: Announced in the program.
- **Breaks / Lunch / Social events**: Announced in the program.

#### Accessible Announcements

- **AG**: Anthony G. Smith
- **GB**: Hans Günter Brauch
- **JB**: James Bogardi
- **KW**: Kenneth W. Warner
- **KT**: Katharina Thienemann
- **MRF**: Munirah Re Foundation
- **TB**: Thomas B. Lock

#### Contact Information

- warner@ehs.unu.edu

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2006 Summer Academy syllabus and annexes

8/2/2006
### Annex 2: 2006 Summer Academy learning objectives

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<th>Desired outcome</th>
<th>How we will achieve outcome?</th>
<th>How will we evaluate success?</th>
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<tr>
<td>1.1 Gain an overview of the “state-of-the-art” in social vulnerability science, including active exchange about key literature and research methods.</td>
<td>Participants will come away from the Summer Academy with a strengthened overview of the state-of-the-art in social vulnerability research. Participants will have an improved knowledge of key recent literature, emerging trends in methodological approaches, and new knowledge of vulnerability reduction activities.</td>
<td>Keynote lectures and sessions</td>
<td>Success is measured through self-assessment at the beginning and end of the Summer Academy: participants will assess their degree of exposure to previously unknown literature references and methods at the Summer Academy, where 5 new literature references or methods would be deemed satisfactory.</td>
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<tr>
<td>1.2 Relate knowledge from several academic disciplines to finding solutions/building capacity in the field of social vulnerability.</td>
<td>List of most pressing issues in social vulnerability research, recommendations on how researchers could proceed. This “research agenda” could be published in a type of CEO briefing that identifies the top 5 to 10 areas where science of social vulnerability needs further development, a “Hohenkammer Charta” on Social Vulnerability (10 key areas for future research in social vulnerability-related sciences), selected PhD papers in Source (UNU publication series), and proceedings for participants, resulting from rapporteur reports for each session. Further, a brief summary of the outcomes of the Summer Academy will be posted on the MunichRe Foundation and UNU-EHS websites.</td>
<td>Rapportuering. Participants will have the chance to be rapporteurs and identify the major issues presented during sessions. In this capacity the rapporteurs will support the MRF chairs and session participants to articulate the most pressing issues/emerging research agenda in social vulnerability. This “list” of pressing issues will set the stage for discussion about possible solutions to research gaps in social vulnerability science.</td>
<td>First, rapporteurs will measure their own progress through self-assessment at the beginning and end of the Summer Academy. Second, conference organizers will assess the achievement of this objective by the ability of rapporteurs and MRF chairs to articulate a list of “most urgent issues” by the end of the Summer Academy (a satisfactory result), and possibly a complementary list of reasonable accompanying actions to address these urgent issues.</td>
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### 2. Peer review feedback

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<th>How we will achieve outcome</th>
<th>How will we evaluate success?</th>
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<td>2.1 Identify bridges to other research topics and critically assess the circumstances which particular research methods are appropriate.</td>
<td>Participants will leave the Summer Academy with an idea of some of the theoretical strengths and weaknesses in the spectrum of social vulnerability research, and will be able to offer use-able feedback to peers on social vulnerability research.</td>
<td><strong>Keynote lectures, working session</strong></td>
<td>Success is measured through self-assessment at the beginning and end of the Summer Academy: participants rate their own ability to identify intersections between academic disciplines in the research of social vulnerability.</td>
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<td>2.2 Articulate how selected models and approaches in specific research problems, such as PhD dissertation research projects, fit in the spectrum of social vulnerability science.</td>
<td>Participants will leave the Summer Academy with heightened ability to articulate the scientific validity and usefulness of various models and research questions related to social vulnerability. Although an intangible outcome, this heightened peer feedback will contribute to progress in social vulnerability research.</td>
<td><strong>Peer review feedback.</strong> This objective will be reached through peer review opportunities. Each participant will have the chance to review a peer’s paper and presentation, and make comments in the normal sessions to strengthen research efforts. The activity is particularly designed for PhDs, but other academy participants will also have the chance to offer feedback</td>
<td>Peer reviewers should have or develop the ability to verify the value of evidence presented, assess the value of theories, and compare and analyze ideas presented in the sessions. Success is measured through self-assessment at the beginning and end of the Summer Academy: participants rate their own ability to offer useful peer feedback that helps colleagues strengthen current research activities.</td>
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### Professional networks

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<th>How we will achieve outcome</th>
<th>How will we evaluate success?</th>
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<td>3.1 Extend and deepen professional networks, in particular between PhDs and senior experts and professors. Participants should learn enough about their colleagues’ work to be able to create strategic relationships for collaborative research and activities that address reduction of social vulnerability.</td>
<td>Expected outcomes depend on participants’ interactions during the Summer Academy. Indicators of networking outcomes such as email dialogues, plans for joint publications, research project collaboration, and other types of networking from connections made in at the Summer Academy would all be satisfactory outcomes.</td>
<td><strong>Sessions, planned and informal discussions</strong></td>
<td>Success is measured through self-assessment at the beginning and end of the Summer Academy: participants rate the degree to which the Summer Academy has facilitate the building of professional networks in social vulnerability research.</td>
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Annex 3: Detailed Session Descriptions

**Description:** This annex offers an overview of when each participant will appear in the Summer Academy program, and in what function (peer review is not included in this table, please refer to the detailed session descriptions for peer review assignments). Contact Koko Warner if you have questions or comments on your assignment.

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<th>Day</th>
<th>Speaker(s)</th>
<th>Moderator</th>
<th>Rapporteur</th>
<th>Peer reviewers</th>
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<tr>
<td>23 July, Sunday, A1</td>
<td>Thomas Loster</td>
<td>Koko Warner</td>
<td>Sandy Bisaro</td>
<td>none</td>
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<tr>
<td>23 July, Sunday, A2</td>
<td>Hans Günter Brauch</td>
<td>Koko Warner</td>
<td>Sandy Bisaro</td>
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<td>24 July, Monday, A3</td>
<td>Anthony Oliver Smith</td>
<td>Hans Günter Brauch</td>
<td>Erendira Serrano</td>
<td>Lele Zou, Fernando Briones, Danny DeVries, Melanie Gall</td>
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<tr>
<td>24 July, Monday, A3</td>
<td>Danny DeVries, Melanie Gall</td>
<td>Tom Downing</td>
<td>Laura Olson</td>
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<tr>
<td>24 July, Monday, A3</td>
<td>Lele Zou, Fernando Briones</td>
<td>Tom Downing</td>
<td>Laurens Dolezalek</td>
<td></td>
</tr>
<tr>
<td>24 July, Monday, C1</td>
<td>group discussion</td>
<td>Joern Birkmann</td>
<td>Christian Kuhlicke</td>
<td>none</td>
</tr>
<tr>
<td>25 July, Tuesday, A4</td>
<td>Ben Wisner</td>
<td>Koko Warner</td>
<td>Frederick Thierry Palafox</td>
<td>Laura Olson, Byron Real-Lopez, Sebastian Jülich, Firoz Verjee</td>
</tr>
<tr>
<td>25 July, Tuesday, B3 PhD Session, 10:15 - 12:00</td>
<td>Sebastian Jülich, Firoz Verjee</td>
<td>Joern Birkmann</td>
<td>Fabiola Sosa</td>
<td></td>
</tr>
<tr>
<td>25 July, Tuesday, B3 PhD Session, 13:45 - 15:30</td>
<td>Laura Olson, Byron Real-Lopez</td>
<td>Erich Plate</td>
<td>Vikrom Mathur</td>
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</tr>
<tr>
<td>25 July, Tuesday, C2 Roundtable Discussion, 16:00 - 17:30</td>
<td>group discussion</td>
<td>Katharina Thywissen</td>
<td>Amber Wutich</td>
<td>none</td>
</tr>
<tr>
<td>26 July, Wednesday, A6 Keynote, 10:15 - 12:30</td>
<td>Tom Downing (working session)</td>
<td>Tom Downing, Vikrom Mathur, Katharina Thywissen, Sukaina Bharwani</td>
<td>Fabien Nathan</td>
<td>none</td>
</tr>
<tr>
<td>26 July, Wednesday, B5 PhD Session, 16:00 - 18:00</td>
<td>Casey Brown, Christian Kuhlicke, Vikrom Mathur</td>
<td>Ben Wisner</td>
<td>Firoz Verjee</td>
<td></td>
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<tr>
<td>27 July, Thursday, A7 Keynote, 8:30 - 9:45</td>
<td>Hans Bohle, Ricardo J.R. Guimarães, Frederick Thierry Palafox</td>
<td>Koko Warner</td>
<td>Alexander Fekete</td>
<td>none</td>
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<tr>
<td>27 July, Thursday, B6 PhD Session, 10:15 - 12:00</td>
<td>Úrsula Oswald Spring, Fernado Briones</td>
<td>Úrsula Oswald Spring</td>
<td>Laurens Dolezalek</td>
<td>Frederick Thierry Palafox, Ricardo J.R. Guimarães</td>
</tr>
<tr>
<td>27 July, Thursday, B7 PhD Session, 13:45 - 15:30</td>
<td>Amber Wutich, Lorenz Dolezalek</td>
<td>Erich Plate</td>
<td>Patrick Sakdapolrak</td>
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<tr>
<td>27 July, Thursday, C3 Roundtable Discussion, 16:00 - 17:30</td>
<td>group discussion</td>
<td>Koko Warner</td>
<td>Sebastian Jülich</td>
<td>none</td>
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<tr>
<td>28 July, Friday, A8 Keynote, 8:30 - 9:45</td>
<td>Úrsula Oswald Spring</td>
<td>Koko Warner</td>
<td>Ricardo J.R. Guimarães</td>
<td>Erendira Serrano, Fabien Nathan, Fabiola Sosa, Patrick Sakdapolrak</td>
</tr>
<tr>
<td>28 July, Friday, B6 PhD Session, 10:15 - 12:00</td>
<td>Fabiola Sosa, Patrick Sakdapolrak</td>
<td>Ben Wisner</td>
<td>Danny DeVries</td>
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<tr>
<td>28 July, Friday, B9 PhD Session, 13:45 - 15:30</td>
<td>Erendira Serrano, Fabien Nathan</td>
<td>Anthony Oliver Smith</td>
<td>Byron Real-Lopez</td>
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<tr>
<td>28 July, Friday, C4 Roundtable Discussion, 16:00 - 17:30</td>
<td>group discussion</td>
<td>Janos Bogardi</td>
<td>Melanie Gall</td>
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</table>
Summer Academy Program: 23 July, Sunday

Session: A1 Keynote
Day and time of session: 23 July, Sunday, 18:30 - 19:00
Presentation title(s):
- People at the last mile: The context of social vulnerability

Session description:
This keynote address will set the context of the Summer Academy and the 2006 theme of water hotspots again the real needs of vulnerable people. Loser will present the working goals of the MunichRe Foundation and frame the desired outcomes of the Summer Academy—to ultimately provide working solutions for people at the last mile.

Questions addressed in presentation(s):
- What do we know about social vulnerability among people "at the last mile"?
- What suggestions might MunichRe Foundation have for Summer Academy participants about putting this knowledge of social vulnerability and risks into action to serve vulnerable people and societies?
- As a host of the 2006 Summer Academy "Global Water Hotspots," what would MunichRe Foundation like to see emerge from the Academy, in terms of recognising and countering social vulnerability, tapping potential for sustainable development, and identifying longer-term solutions?

Keynote speaker or presenters: Thomas Loser
Moderator: Koko Warner
Peer reviewers: none
Rapporteur: Sandy Bisaro
Summer Academy Program: 23 July, Sunday

Session: A2 Keynote
Day and time of session: 23 July, Sunday, 19:00 - 20:00
Presentation title(s):
- Do Water-related Social Vulnerabilities Create Human Security Threats, Challenges Vulnerabilities and Risks?

Session description:
While a previous talk in focused on the links between the cause (hazards) and the effects (survival dilemma) from a human security perspective this talk introduces into the theme of the summer academy by addressing the key question: Do water-related social vulnerabilities create human security threats, challenges, vulnerabilities and risks? After a brief introduction into the term and concept of security, and on the notion of securitization as used by the Copenhagen school, the concept of human security and its four conceptual pillars as “freedom from fear”, “freedom from want”, “freedom to live in dignity” and “freedom from hazard impacts” will be developed. In the next step the environmental dimension of security will be introduced with a special focus on “environmental stress and natural hazards”, and the concept of water security and its areas of application will be reviewed focusing both on too much water (storms, floods) and too little water (drought, famine). This turns to two related questions: Do hazards and social vulnerability pose a survival dilemma for whom and from what? What are the human security threats, challenges, vulnerabilities and risks from water-related hazards? Finally, protection and empowerment as two security objects for coping strategies and resilience-building will be discussed and their contribution for achieving freedom from hazard impacts by reducing social vulnerability.

Questions addressed in presentation(s):
- What is security and why to study security concepts? How does human security differ from national security?
- What are the four pillars of human security?
- What are the objects of analysis for the environmental dimension of security?
- What does water security mean and what are its objects of securitization?
- What are the human security threats, challenges, vulnerabilities and risks from water-related hazards? What are water-related social vulnerabilities? For whom do water related hazards pose a survival dilemma?
- What are the human security objectives for reducing social vulnerability? How can human security as freedom fro hazard impacts be achieved?

Keynote speaker or presenters: Hans Günter Brauch
Moderator: Koko Warner
Peer reviewers: none
Rapporteur: Sandy Bisaro
Summer Academy Program: 24 July, Monday

Session: A3 Keynote
Day and time of session: 24 July, Monday, 8:30 - 9:45
Presentation title(s):
- Rethinking the Concepts of Nature and Environment in Vulnerability Research

Session description:
In this keynote address, Tony Oliver Smith will explore the way vulnerability theory and research have employed the concept of nature. Nature and environment are words whose meanings seem frequently to be taken for granted. They are often used interchangeably and in some instances this has led to a blurring of important distinctions that may impede our understanding of complex vulnerability-related phenomena such as disaster driven population uprooting and resettlement. In earlier work Oliver Smith has posed that the concept of vulnerability to disasters obliges us to rethink the relationships among society, economy and nature (2003, 2004). That is, the vulnerability approach requires a more complex understanding of disasters because it recognizes that disasters are not caused by a single agent but by the complex interaction of both environmental and social features and forces. In this recent work I called for a reframing of nature-society relations from a duality to a mutuality, positing that nature and society are inseparable, each implicated in the life of the other, each contributing to the resilience and vulnerability of the other.

Questions addressed in presentation(s):
- What are the meanings of nature and environment? Is the term “natural environment” an oxymoron?
- How are concepts of nature and environment reflected and employed in vulnerability theory and research?
- Are vulnerabilities inscribed in nature or in environments and how?
- What role does the nature-environment question play in the analysis of population displacement?
- What vulnerabilities seem to lead to uprooting and resettlement of populations after the impact of a disaster? Is the term “environmental refugee” appropriate to refer to those displaced by disasters?
- How are development processes contributing to these vulnerabilities in socio-ecological systems? What are the capacities of socio-ecological systems to address these vulnerabilities and their outcomes under current political economic conditions?

Keynote speaker or presenters: Anthony Oliver Smith
Moderator: Koko Warner
Peer reviewers: none
Rapporteur: Erendira Serrano
**Summer Academy Program: 24 July, Monday**

**Session:** B1 PhD Session  
**Day and time of session:** 24 July, Monday, 10:15 - 12:00  
**Presentation title(s):**
- Temporal Vulnerability: A Historical Ecology of Flooding  
- Social Vulnerability Indices: Theoretical exercises or invaluable assessment tools?

**Session description:**
This PhD research session deals with temporal vulnerability and cultural memory (Danny DeVries) and with a Disaster Risk Index and social vulnerability indicators (Melanie Gall).

**Questions addressed in presentation(s):**
- How are cultural memory and social vulnerability related?  
- How could cultural memory be measured and integrated in vulnerability analysis?  
- Does temporal vulnerability differ from social vulnerability?  
- What are the methods behind the Disaster Risk Index (DRI) and what distinguishes it from other indices?  
- Are the results of these indices indicative of social vulnerability?  
- Does the DRI pass as an assessment tool for social vulnerability?

**Keynote speaker or presenters:** Danny DeVries, Melanie Gall  
**Moderator:** Hans Günter Brauch  
**Peer reviewers:** Lele Zou, Fernando Briones  
**Rapporteur:** Laura Olson
Summer Academy Program: 24 July, Monday

Session: B2 PhD Session
Day and time of session: 24 July, Monday, 13: 45 - 15:30
Presentation title(s):
- Synthesising Lessons on the causes of Vulnerability to coastal hazards in South-East Asia
- Social distribution of risk and cultural adaptation to floods

Session description:
This PhD research session deals with vulnerability reduction strategies in South-East Asia (Lele Zou) and with social dynamics affecting disaster and vulnerability management in Mexico (Fernando Briones).

Questions addressed in presentation(s):
- What are the main underlying driving forces to the loss of life in the coastal hazards in South-east Asia?
- Are the vulnerability reduction strategies (temporal and patial) in those SE Asian area effective?
- In Mexico, as many southern counties, the cause of disasters seems to be more in connection with the context of social vulnerability rather than climate, what are the social dynamics that build risk?
- In a region with geopolitical differences and ethnical diversity, what differences can we found in risk perception and risk management?
- How local knowledge about climate can build resilience to floods?

Keynote speaker or presenters: Lele Zou, Fernando Briones
Moderator: Tom Downing
Peer reviewers: Danny DeVries, Melanie Gall
Rapporteur: Lorenz Dolezalek
Summer Academy Program: 24 July, Monday

Session: C1 Roundtable Discussion
Day and time of session: 24 July, Monday, 16:00 - 17:30
Presentation title(s):
  - Towards a theory of social vulnerability

Session description:
This roundtable discussion will strive to synthesize the main questions, messages, and findings of the day. In particular, the discussion will focus on finding a theory of social vulnerability amid disparate perspectives and approaches to social vulnerability. Joern Birkmann will present recent models of vulnerability and discuss some of the major streams of literature. Rapporteurs from the keynote session, and the two PhD research sessions earlier in the day will have a few minutes to present the major issues they recorded in those sessions, and all participants will engage in an active debate “towards a theory of social vulnerability.”

Questions addressed in presentation(s):

Keynote speaker or presenters: group discussion
Moderator: Joern Birkmann
Peer reviewers: none
Rapporteur: Christian Kuhlicke
Summer Academy Program: 25 July, Tuesday

Session: A4 Keynote
Day and time of session: 25 July, Tuesday, 8:30 - 9:45
Presentation title(s):
  - Water as Resource and Resistance: Can We Solve the Universal Solvent?

Session description:
Water has been named a human right, is a powerful cultural symbol, carries religious meaning, is a matter of political strife, and is a resource for economic prosperity or a cause of impoverishment. In this keynote, Ben Wisner will explore the complex dependencies that link human well being and water, could the quality and quantity of water available to individuals and households not serve as a measure of their baseline vulnerability to hazards? If not, what other factors intervene to make the difference between a household or community and their livelihoods that are resilient in the fact of flood, storm, drought, or water borne & water based disease and those that are less resilient?

Questions addressed in presentation(s):
  - Given the complex dependencies that link human well being and water, could the quality and quantity of water available to individuals and households not serve as a measure of their baseline vulnerability to hazards?
  - If not, what other factors intervene to make the difference between a household or community and their livelihoods that are resilient in the fact of flood, storm, drought, or water borne & water based disease and those that are less resilient?

Keynote speaker or presenters: Ben Wisner
Moderator: Koko Warner
Peer reviewers: none
Rapporteur: Frederick Thierry Palafox
Summer Academy Program: 25 July, Tuesday

Session: B3 PhD Session
Day and time of session: 25 July, Tuesday, 10:15 - 12:00

Presentation title(s):
- Development of instruments for drought risk analysis

Session description:
This PhD research session deals with tools useful for identifying and analysing water-related risks for social vulnerability. Sebastian Jülich addresses drought risk analysis instruments, and Firoz Verjee discusses the use of a tool to support refugee camp operations in Africa.

Questions addressed in presentation(s):
- How can instruments for drought risk analysis on the household level be designed?
- What indicators are suitable for the assessment of drought vulnerability?

Keynote speaker or presenters: Sebastian Jülich, Firoz Verjee
Moderator: Joern Birkmann
Peer reviewers: Laura Olson, Byron Real-Lopez
Rapporteur: Fabiola Sosa
Summer Academy Program: 25 July, Tuesday

Session: B4 PhD Session  
Day and time of session: 25 July, Tuesday, 13: 45 - 15:30  
Presentation title(s):  
- Voices from Hurricane Katrina and the Tsunami: Water-related Disasters and Social Vulnerability  
- The Importance of the Sense of Community and Cultural Behavior in the Pre-Landfall Evacuation of Hispanic People in the Katrina Hurricane

Session description:  
This PhD research session approaches social vulnerability and water through the lens of Hurricane Katrina and the 2004 Tsunami. Laura Olson addresses roles of various levels of government, and how societal stratification affects vulnerability of particular groups. Byron Real-Lopez examines the role that culture and communication affect specific vulnerability management events such as the pre-landfall evacuation of hispanic people vis-à-vis Hurricane Katrina.

Questions addressed in presentation(s):  
- What is the role of municipal and state (staat) governments in addressing the root causes of social vulnerability, and how can the societal (collective) experience of disasters encourage a re-examination of the roles and responsibilities of governance str  
- How is society (examined in a case- and culture-specific context) “constituted” and “controlled” in ways that promote inequities and stratifications that increase vulnerability for certain groups?  
- How does the “individual story” or narrative help to personalize and convey disaster relief and recovery efforts and impact the quest to bring about the mitigation of social vulnerability (power relations and social change)?  
- Is culture a modifier of social vulnerability?  
- In an absence of clear information of local authorities regarding disasters, how important is cultural behavior in taking personal decisions?  
- When culture is good for avoiding distress and when not?

Keynote speaker or presenters: Laura Olson, Byron Real-Lopez  
Moderator: Erich Plate  
Peer reviewers: Sebastian Jülich, Firoz Verjee  
Rapporteur: Vikrom Mathur
Summer Academy Program: 25 July, Tuesday

Session: C2 Roundtable Discussion
Day and time of session: 25 July, Tuesday, 16:00 - 17:30
Presentation title(s):
  - Measuring social vulnerability

Session description:
This roundtable discussion will strive to synthesize the main questions, messages, and findings of the day. In particular, the discussion will focus on measuring social vulnerability, various approaches and debates about appropriate conceptualization and tools. Katharina Thywissen present a spectrum of approaches to measuring social vulnerability, with illustrations from recent work, and discuss some of the major streams of literature. Rapporteurs from the keynote session, and the two PhD research sessions earlier in the day will have a few minutes to present the major issues they recorded in those sessions, and all participants will engage in an active debate about ways to measure social vulnerability, and especially how to use data produced by measurement activities.

Questions addressed in presentation(s):

Keynote speaker or presenters: group discussion
Moderator: Katharina Thywissen
Peer reviewers: none
Rapporteur: Amber Wutich
Summer Academy Program: 26 July, Wednesday

Session: A5 Keynote
Day and time of session: 26 July, Wednesday, 8:30 - 9:45
Presentation title(s):
  • Dynamic vulnerability and multiple stresses

Session description:
Tom Downing will lead a hands-on, interactive working session on understanding dynamic vulnerability. The working session will utilize case studies to facilitate better understanding of vulnerability as differentiated among actors and as a behavioural dynamic over time in the context of social learning (responding to the environment, social networks, and behaviour related to personal objectives). Participants will gain an appreciation of tacit knowledge and methods for eliciting responses to multiple stresses.

Questions addressed in presentation(s):
  • Is there one vulnerability, or is vulnerability differentiated among actors?
  • How can vulnerability be analysed as a behavioural dynamic over time in the context of social learning (responding to the environment, social networks, and behaviour related to personal objectives)?
  • How can tacit knowledge be incorporated into social vulnerability research?
  • What methods can be used to eliciting responses to multiple stresses?

Keynote speaker or presenters: Tom Downing (working session)
Moderator: Tom Downing, Vikrom Mathur, Katharina Thywissen, Sukaina Bharwani
Peer reviewers: none
Rapporteur: Casey Brown
Summer Academy Program: 26 July, Wednesday

Session: A6 Keynote
Day and time of session: 26 July, Wednesday, 10:15 - 12:30
Presentation title(s):
  • Dynamic vulnerability and multiple stresses

Session description:
Tom Downing will lead a hands-on, interactive working session on understanding dynamic vulnerability. The working session will utilize case studies to facilitate better understanding of vulnerability as differentiated among actors and as a behavioural dynamic over time in the context of social learning (responding to the environment, social networks, and behaviour related to personal objectives. Participants will gain an appreciation of tacit knowledge and methods for eliciting responses to multiple stresses.

Questions addressed in presentation(s):
  • Is there one vulnerability, or is vulnerability differentiated among actors?
  • How can vulnerability be analysed as a behavioural dynamic over time in the context of social learning (responding to the environment, social networks, and behaviour related to personal objectives)?
  • How can tacit knowledge be incorporated into social vulnerability research?
  • What methods can be used to eliciting responses to multiple stresses?

Keynote speaker or presenters: Tom Downing (working session)
Moderator: Tom Downing, Vikrom Mathur, Katharina Thywissen, Sukaina Bharwani
Peer reviewers: none
Rapporteur: Fabien Nathan
Summer Academy Program: 26 July, Wednesday

Session: B5 PhD Session
Day and time of session: 26 July, Wednesday, 16:00 - 18:00

Presentation title(s):
- (Non-)Knowledge and Vulnerability - The 2002 flood in the city of Eilenburg (Saxony, Germany)
- Regional Drivers and Livelihood Vulnerabilities in the Mekong Region: Exploring Institutional Mediation of Vulnerability and Environmental risks.

Session description:
This PhD research session complements the working session on dynamic vulnerability and multiple stresses. Casey Brown discusses his work on innovative tools for system resilience (water security). Christian Kühlicke explores the interrelations between (non-) knowledge and vulnerability as observed in the 2002 floods in Germany. Finally, Vikrom Mathur discusses regional drivers and livelihood vulnerabilities, and how to design the scope of analysis when multiple stresses are present (sectoral, clusters of drivers, livelihoods).

Questions addressed in presentation(s):
- What is the impact of climate variability on economic development?
- Can the sensitivity of economies to climate be quantified?
- Given an assessment of the impact of climate variability on a nation, how can we best mitigate that impact?
- What are the interrelations between vulnerability and (non-)knowledge?
- How to approach vulnerability in modern societies? What are the implications of my empirical results for action?
- How to delimit the scope of analysis, should the regional focus evolve into (a) selection of priority sectors (b) looking at clusters of drivers (c) looking at particular livelihoods?

Keynote speaker or presenters: Casey Brown, Christian Kuhlicke, Vikrom Mathur
Moderator: Ben Wisner
Peer reviewers: Casey Brown, Christian Kuhlicke, Vikrom Mathur
Rapporteur: Firoz Verjee
Session: A7 Keynote  
Day and time of session: 27 July, Thursday, 8:30 - 9:45  
Presentation title(s):  
• The Vulnerability - Violence Nexus  

Session description:  
The presentation employs an actor-oriented approach to geographies of violence and vulnerability. These geographies are not just about direct violence, but also about structural forms of violence and the ideologies that mobilize and perpetuate violence. Based on empirical research conducted in Eastern Sri Lanka during the civil war (1983-2002), the paper presents a Violence-Vulnerability-Framework that serves to identify, in a systematic manner, the arenas and agendas of violence, the actors involved in violence and the violent acts committed. The struggles of the civilian population to cope with and adjust to everyday forms of violence are put in the context of the place-based logics and dynamics of violence that shape their vulnerabilities. As social vulnerability, in the Sri Lankan case, is closely related to environmentally-based livelihoods, concepts such as “violent environments” and the “political ecology of violence” are employed. The geographies of violence and vulnerability developed in the presentation conceive violence as the ramifications of social relations, especially power relations, where violent struggles and coping behaviour are embedded in specific fields of social power.  

Questions addressed in presentation(s):  
• What is an actor-oriented approach to geographies of violence and vulnerability?  
• What are structural forms of violence and the ideologies that mobilize and perpetuate violence?  
• How does the Violence-Vulnerability-Framework systematically identify arenas and agendas of violence, the actors involved in violence, and the violent acts committed?  
• How do the geographies of violence and vulnerability affect social relations, especially power relations, where violent struggles and coping behaviour are embedded in specific fields of social power?  

Keynote speaker or presenters: Hans Bohle  
Moderator: Koko Warner  
Peer reviewers: none  
Rapporteur: Alexander Fekete
Summer Academy Program: 27 July, Thursday

Session: B6 PhD Session
Day and time of session: 27 July, Thursday, 10:15 - 12:00

Presentation title(s):
- Development and poverty: the double role of water for vulnerable urban groups.
- Searching for the Vulnerable: a review of concepts and assessments of vulnerability related to poverty

Session description:
This PhD research session addresses broad development issues of poverty, urbanization, and water. Ricardo J.R. Guimarães reviews concepts and assessments of vulnerability related to poverty. Frederick Thiery Palafox explores the social, economic, and cultural factors that cause vulnerability in cities.

Questions addressed in presentation(s):
- Which are the social, economic and cultural factors that cause vulnerability in cities?
- How it is that the water can, at the same time, improve or worsen the quality of life of the people who live in irregular urban zones?
- Which is the value and the utility of the qualitative investigation in social sciences, to reduce the vulnerability of the people and to improve quality of life?
- How has “Vulnerability to Poverty”? been defined in the academic literature
- How has vulnerability been measured in empirical work on poverty?
- What are the strengths and weaknesses of the existent measures?

Keynote speaker or presenters: Ricardo J.R. Guimarães, Frederick Thiery Palafox
Moderator: Úrsula Oswald Spring
Peer reviewers: Amber Wutich, Lorenz Dolezalek
Rapporteur: Fernando Briones
**Session:** B7 PhD Session  
**Day and time of session:** 27 July, Thursday, 13:45 - 15:30  
**Presentation title(s):**  
- Understanding Vulnerability and Resilience to Urban Water Scarcity: A Case from Cochabamba, Bolivia  
- Mainstreaming disaster risk reduction; constraints and opportunities  

**Session description:**  
This PhD research session continues the themes of urban areas and water. Amber Wutich views social vulnerability and urban water scarcity through a case from Cochabamba, Bolivia. Laurens Dolezalek discusses mapping vulnerability, megacities, spatial distribution of losses in the Climate Risk Index and Megacities index.

**Questions addressed in presentation(s):**  
- To what extent can existing theories of vulnerability and resilience be applied to water-related problems? Specific question 1: Can famine theory predict human behavior under conditions of urban water scarcity?  
- How can social science methodology be used to study water-related social vulnerabilities? Specific question 2: How can “urban water scarcity” be operationalized and measured at the household level?  
- How do politics, economy, culture, and ecology shape water-related vulnerabilities and resilience? Specific question 3: What is the political ecology of water scarcity in Cochabamba, Bolivia?  
- How are losses (fatalities, economic losses, insured losses) spatially distributed?  
- Does climate change have an effect on losses?  
- Can insurance solutions help less developed countries to finance losses?  

**Keynote speaker or presenters:** Amber Wutich, Lorenz Dolezalek  
**Moderator:** Erich Plate  
**Peer reviewers:** Frederick Thiery Palafox, Ricardo J.R. Guimarães  
**Rapporteur:** Patrick Sakdapolrak
Summer Academy Program: 27 July, Thursday

Session: C3 Roundtable Discussion
Day and time of session: 27 July, Thursday, 16:00 - 17:30
Presentation title(s):
- Social Vulnerability Policies and Politics of Change

Session description:
This roundtable discussion will strive to synthesize the main questions, messages, and findings of the day. In particular, the discussion will focus on policies that affect social vulnerability, and the politics that help determine change in social vulnerability. Koko Warner will briefly present examples of policies that have helped reduce social vulnerability in specific contexts. Rapporteurs from the keynote session, and the two PhD research sessions earlier in the day will have a few minutes to present the major issues they recorded in those sessions, and all participants will be challenged to identify principles to guide policies related to social vulnerability and water.

Questions addressed in presentation(s):

Keynote speaker or presenters: group discussion
Moderator: Koko Warner
Peer reviewers: none
Rapporteur: Sebastian Jülich
Summer Academy Program: 28 July, Friday

Session: A8 Keynote
Day and time of session: 28 July, Friday, 8:30 - 9:45
Presentation title(s):
- Vulnerability and Resilience Building of Gender confronted with Extreme Hydro-meteorological Events

Session description:
Climate change exacerbates conditions of physical, environmental, human, social and gender security. Women bear the brunt of these overlapping vulnerabilities, inspiring researchers to ask for whom, for what, from whom and for what women have to be protected. Empirical studies document that more women have died in hydro-meteorological and geophysical hazards and they are also the primary victims of the resulting societal and political disasters. Ursula Oswald Spring will examine this complex process through theories of social identity and representation. Improved theories, data and concrete training about the impacts of climate, disaster, and other disruptions will lend a more nuanced understanding of women as social beings aligning in networks of family and community. More accurate understanding and training will facilitate to support networks that underlie a resilient society, where women educate, care and reproduce the historical memory and the cultural background, but increasingly generate also the material family sustain. This opens the possibility to reduce gender related social vulnerability, improve hazard resilience, and increase the survival of the whole communities frequently affected by hydrological disasters.

Questions addressed in presentation(s):

Keynote speaker or presenters: Úrsula Oswald Spring
Moderator: Koko Warner
Peer reviewers: none
Rapporteur: Ricardo J.R. Guimarães
Summer Academy Program: 28 July, Friday

Session: B8 PhD Session
Day and time of session: 28 July, Friday, 10:15 - 12:00

Presentation title(s):
- The gap between “objective and perceived” risk and the role of the science and planning
- Coping with water-related stressors: Towards an integrated health vulnerability framework for Chennai

Session description:
This PhD research session addresses risk perception and actor-oriented science/research and planning. Fabiola Sosa will discuss gaps between objective and perceived risk in science and planning processes. Patrick Sakdapolrak will examine how people in Chennai cope with water-related stressors, particularly related to health vulnerability.

Questions addressed in presentation(s):
- Is there a difference between "objective risk" and "perceived risk"?
- Are science and planning failing in reducing risk exposure and for this reason they are increasing social vulnerability?
- How can we measure risk perception and who are the main actors in building a dominant social image of risk?
- What are the benefits, drawbacks and potentials of an actor-oriented and health focused research on water-related social vulnerability?

Keynote speaker or presenters: Fabiola Sosa, Patrick Sakdapolrak
Moderator: Ben Wisner
Peer reviewers: Erendira Serrano, Fabien Nathan
Rapporteur: Danny DeVries
Summer Academy Program: 28 July, Friday

Session: B9 PhD Session
Day and time of session: 28 July, Friday, 13:45 - 15:30

Presentation title(s):
- The phenomenon of migration in the community of San Martin Tilcajete, Oaxaca. A qualitative and gender sensitive reading of vulnerability
- Vulnerability and resilience to land- and mudslides in the hill-slopes of La Paz, Bolivia: theoretical and practical considerations

Session description:
This PhD research session looks links between social vulnerability and gender, as well as socially constructed risk as a factor in social vulnerability. Erendira Serrano will examine migration in Oaxaca, Mexico as it relates to gender and vulnerability. Fabien Nathan will discuss vulnerability and resilience to hazard events in La Paz.

Questions addressed in presentation(s):
- The link between vulnerability and gender
- The impact of migration in community settings and identity
- Social vulnerability as a multi-level process
- how risk is socially constructed in urban settings (case: La Paz)
- risk perception as a (social) vulnerability factor
- conceptual clarification of risk, vulnerability and resilience with emphasis on social vulnerability

Keynote speaker or presenters: Erendira Serrano, Fabien Nathan
Moderator: Anthony Oliver Smith
Peer reviewers: Fabiola Sosa, Patrick Sakdapolrak
Rapporteur: Byron Real-Lopez
Session: C4 Roundtable Discussion
Day and time of session: 28 July, Friday, 16:00 - 17:30
Presentation title(s):
  • Resilience building: from knowledge to action

Session description:
This final roundtable discussion at the 2006 Summer Academy will strive to synthesize the main questions, messages, and findings of the week. The main objective of the discussion is to identify steps to build resilience among vulnerable individuals and societies. Janos Bogardi will challenge participants to articulate the most pressing issues in social vulnerability, and to identify a research agenda that will lead from knowledge to action. Rapporteurs from the keynote session, and the two PhD research sessions earlier in the day will have a few minutes to present the major issues they recorded in those sessions, and all participants will be challenged to synthesize the major issues related to water and social vulnerability discussed during the week.

Questions addressed in presentation(s):

Keynote speaker or presenters: group discussion
Moderator: Janos Bogardi
Peer reviewers: none
Rapporteur: Melanie Gall
Annex 4: Overview of responsibilities (presentations, peer review, rapporteuring)

**Description:** This annex offers an overview of the peer review and rapporteur assignments for the Summer Academy. Please contact the individuals with whom you will collaborate closely, particularly the person(s) whose work you will peer review or for whose session you will rapporteur. Email addresses are in column two to facilitate this contact. Below this table, you will find a more detailed description of individual presentations, including title, keywords, questions, and a reiteration of peer review and rapporteur assignments for each individual. Contact Koko Warner if you have questions or comments on your assignment.

<table>
<thead>
<tr>
<th>Name</th>
<th>Email address</th>
<th>Day, session and time of your presentation</th>
<th>Your peer reviewer</th>
<th>Who you will peer review</th>
<th>Day, session and time when you will be a rapporteur</th>
<th>Speaker(s) during session where you will rapporteur</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandy Bisaro</td>
<td><a href="mailto:Sandy.Bisaro@pik-potsdam.de">Sandy.Bisaro@pik-potsdam.de</a></td>
<td>observer, no presentation</td>
<td>none</td>
<td>none</td>
<td>Sunday, keynote sessions A1 and A2; Friday, closing session</td>
<td>Thomas Loster, Günter Brauch</td>
</tr>
<tr>
<td>Fernando Briones</td>
<td><a href="mailto:briones@ciesas.edu.mx">briones@ciesas.edu.mx</a></td>
<td>24 July, Monday B2 PhD Session 13:45 - 15:30</td>
<td>Danny DeVries</td>
<td>Melanie Gall</td>
<td>27 July, Thursday B6 PhD Session 10:15 - 12:00</td>
<td>Frederick Thierry Palafox, Patrick Sakdapolrak</td>
</tr>
<tr>
<td>Casey Brown</td>
<td><a href="mailto:caseyb@iri.columbia.edu">caseyb@iri.columbia.edu</a></td>
<td>26 July, Wednesday B5 PhD Session 16:00 - 18:00</td>
<td>Vikrom Mathur</td>
<td>Christian Kühlicke</td>
<td>26 July, Wednesday A5 Keynote 8:30 - 9:45</td>
<td>Tom Downing</td>
</tr>
<tr>
<td>Danny De Vries</td>
<td><a href="mailto:devries@email.unc.edu">devries@email.unc.edu</a></td>
<td>24 July, Monday B1 PhD Session 10:15 - 12:00</td>
<td>Lele Zou</td>
<td>Fernando Briones</td>
<td>28 July, Friday B8 PhD Session 10:15 - 12:00</td>
<td>Fabiola Sosa, Patrick Sakdapolrak</td>
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<tr>
<td>Lorenz Dolezalek</td>
<td><a href="mailto:ldolezalek@munichre.com">ldolezalek@munichre.com</a></td>
<td>27 July, Thursday B7 PhD Session 13:45 - 15:30</td>
<td>Frederick Thierry Palafox</td>
<td>Ricardo Guimarães</td>
<td>24 July, Monday B2 PhD Session 13:45 - 15:30</td>
<td>Lele Zou, Fernando Briones</td>
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<tr>
<td>Alexander Fekete</td>
<td><a href="mailto:fekete@ehs.unu.edu">fekete@ehs.unu.edu</a></td>
<td>observer, no presentation</td>
<td>none</td>
<td>none</td>
<td>27 July, Thursday A7 Keynote 8:30 - 9:45</td>
<td>Hans Bohle</td>
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<tr>
<td>Melanie Gall</td>
<td><a href="mailto:melanie.gali@web.de">melanie.gali@web.de</a></td>
<td>24 July, Monday B1 PhD Session 10:15 - 12:00</td>
<td>Fernando Briones</td>
<td>Lele Zou</td>
<td>28 July, Friday C4 Roundtable Discussion 16:00 - 17:30</td>
<td>Janos J. Bogardi</td>
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<tr>
<td>Ricardo J. R. Guimarães</td>
<td><a href="mailto:carimbo19@hotmail.com">carimbo19@hotmail.com</a>, <a href="mailto:ricardo.guimaraes@uni-bonn.de">ricardo.guimaraes@uni-bonn.de</a>, <a href="mailto:guimaraes@ehs.unu.edu">guimaraes@ehs.unu.edu</a></td>
<td>27 July, Thursday B6 PhD Session 10:15 - 12:00</td>
<td>Amber Wutich</td>
<td>Lorenz Dolezalek</td>
<td>28 July, Friday A8 Keynote 8:30 - 9:45</td>
<td>Ursula Oswald Spring</td>
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<tr>
<td>Sebastian Jülich</td>
<td><a href="mailto:sebastian.juelich@web.de">sebastian.juelich@web.de</a></td>
<td>25 July, Tuesday B3 PhD Session 10:15 - 12:00</td>
<td>Byron Real-Lopez</td>
<td>Laura Olson</td>
<td>27 July, Thursday C3 Roundtable Discussion</td>
<td>Koko Warner</td>
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<td>Christian Kuhlicke</td>
<td><a href="mailto:christian.kuhlicke@ufz.de">christian.kuhlicke@ufz.de</a></td>
<td>26 July, Wednesday</td>
<td>B5</td>
<td>16:00 - 18:00 PhD Session</td>
<td>Casey Brown, Vikrom Mathur</td>
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<tr>
<td>Vikrom Mathur</td>
<td><a href="mailto:vikrom.mathur@sei.se">vikrom.mathur@sei.se</a></td>
<td>26 July, Wednesday</td>
<td>B5</td>
<td>16:00 - 18:00 PhD Session</td>
<td>Christian Kühlicke, Casey Brown</td>
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<tr>
<td>Fabien Nathan</td>
<td><a href="mailto:Fabien.Nathan@iued.unige.ch">Fabien.Nathan@iued.unige.ch</a></td>
<td>28 July, Friday</td>
<td>B9</td>
<td>13:45 - 15:30 PhD Session</td>
<td>Patrick Sakdapolrak, Fabiola Sosa</td>
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<tr>
<td>Laura Olson</td>
<td><a href="mailto:lolson@gwu.edu">lolson@gwu.edu</a></td>
<td>25 July, Tuesday</td>
<td>B4</td>
<td>13:45 - 15:30 PhD Session</td>
<td>Firoz Verjee, Sebastian Jülich</td>
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<tr>
<td>Frederick Thierry Palafox</td>
<td><a href="mailto:fredericktp@hotmail.com">fredericktp@hotmail.com</a></td>
<td>27 July, Thursday</td>
<td>B6</td>
<td>10:15 - 12:00 PhD Session</td>
<td>Lorenz Dolezalek, Amber Wutich</td>
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<tr>
<td>Byron Real-Lopez</td>
<td><a href="mailto:cordavi_elaw@yahoo.com">cordavi_elaw@yahoo.com</a></td>
<td>25 July, Tuesday</td>
<td>B4</td>
<td>13:45 - 15:30 PhD Session</td>
<td>Sebastian Jülich, Firoz Verjee</td>
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<tr>
<td>Patrick Sakdapolrak</td>
<td><a href="mailto:sakdapolrak@giub.uni-bonn.de">sakdapolrak@giub.uni-bonn.de</a></td>
<td>28 July, Friday</td>
<td>B8</td>
<td>10:15 - 12:00 PhD Session</td>
<td>Erendira Serrano, Fabien Nathan</td>
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<tr>
<td>Erendira Serrano</td>
<td><a href="mailto:sesohi@gmail.com">sesohi@gmail.com</a>, <a href="mailto:sesohi@hotmail.com">sesohi@hotmail.com</a></td>
<td>28 July, Friday</td>
<td>B9</td>
<td>13:45 - 15:30 PhD Session</td>
<td>Fabiola Sosa, Patrick Sakdapolrak</td>
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<td>Fabiola Sosa</td>
<td><a href="mailto:fsosa@colmex.mx">fsosa@colmex.mx</a></td>
<td>28 July, Friday</td>
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<td>10:15 - 12:00 PhD Session</td>
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<tr>
<td>Firoz Verjee</td>
<td><a href="mailto:firoz@verjee.net">firoz@verjee.net</a>, <a href="mailto:fverjee@gwu.edu">fverjee@gwu.edu</a></td>
<td>25 July, Tuesday</td>
<td>B3</td>
<td>10:15 - 12:00 PhD Session</td>
<td>Laura Olson, Byron Real-Lopez</td>
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<td>Amber Wutich</td>
<td><a href="mailto:awutich@hotmail.com">awutich@hotmail.com</a></td>
<td>27 July, Thursday</td>
<td>B7</td>
<td>13:45 - 15:30 PhD Session</td>
<td>Frederick Thierry Palafox</td>
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<tr>
<td>Lele Zou</td>
<td><a href="mailto:lele.zou@sei.se">lele.zou@sei.se</a></td>
<td>24 July, Monday</td>
<td>B2</td>
<td>13:45 - 15:30 PhD Session</td>
<td>Melanie Gall, Danny DeVries</td>
<td></td>
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</tbody>
</table>
Task summary for: Sandy Bisaro, Sandy.Bisaro@pik-potsdam.de

1. **Presentation:** observer, no presentation,
   **Presentation title:** observer

   **Keywords:** vulnerability, climate change, formalisation, discourse analysis

   **Questions Sandy Bisaro will address in presentation:**
   1. 
   2. 
   3.

   **Questions Sandy Bisaro would like to pose to peers during the Summer Academy:**
   Q1: How should social vulnerability be used to for mainstreaming climate policy into development policy?
   Q2: What lessons can be learned from natural disasters community for assessing (or measuring) vulnerability to climate change?
   Q3: How can a theory of social vulnerability address critiques of ‘top-down’ approaches to assessments in the climate change context, for example?

2. **Peer review**
   Sandy Bisaro will provide peer feedback on the paper and presentation of none.

   Sandy Bisaro will receive peer feedback (on paper and presentation) from none.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteuring.**
   Sandy Bisaro will rapporteur on: Sunday, keynote sessions A1 and A2; Friday, closing session.
   The speakers or presenters during your session will be: Thomas Loster, Günter Brauch
Task summary for: Fernando Briones, briones@ciesas.edu.mx

2. **Presentation:** 24 July, Monday, B2 PhD Session, 13: 45 - 15:30
   **Presentation title:** Social distribution of risk and cultural adaptation to floods

   **Keywords:** risk, political problems, adaptation, local knowledge, floods, huracans

   **Questions Fernando Briones will address in presentation:**
   1. In Mexico, as many southern counties, the cause of disasters seems to be more in connection with the context of social vulnerability rather than climate, what are the social dynamics that build risk?
   2. In a region with geopolitical differences and ethinical diversity, what differences can we found in risk perception and risk management?
   3. How local knowledge about climate can build resilience to floods?

   **Questions Fernando Briones would like to pose to peers during the Summer Academy:**
   Q1: In the last decades social analysis about risk and vulnerability has been change the way we see disasters. What are the main results and benefits?
   Q2: Is possibly to measure this discourse impact in society (globally) or we still are in "diagnostic state"?
   Q3: Global economy can be an opportunity to reduce poverty but that does not always means vulnerable reduction. How can we take advance about local knowledge in global economy?

2. **Peer review**
   Fernando Briones will provide peer feedback on the paper and presentation of Melanie Gall.

   Fernando Briones will receive peer feedback (on paper and presentation) from Danny DeVries.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur.**
   Fernando Briones will rapporteur on: 27 July, Thursday, B6 PhD Session 10:15 - 12:00.
   The speakers or presenters during your session will be: Frederick Thierry Palafox, Patrick Sakdolparak.
Task summary for: Casey Brown, caseyb@iri.columbia.edu

1. **Presentation:** 26 July, Wednesday, B5 PhD Session, 16:00 - 18:00
   **Presentation title:** Achieving Water Security: Innovative Tools for System Resilience

   **Keywords:** resilience systems in water and economic development that improve the reliability and quality of water supplies, reduce the vulnerability of economies and people to climate shocks and mitigate the impact of climate variability and strong seasonality on development.

   **Questions Casey Brown will address in presentation:**
   1. What is the impact of climate variability on economic development?
   2. Can the sensitivity of economies to climate be quantified?
   3. Given an assessment of the impact of climate variability on a nation, how can we best mitigate that impact?

   **Questions Casey Brown would like to pose to peers during the Summer Academy:**
   Q1: What is the most informative spatial scale for an indicator of vulnerability (of some kind)?
   Q2: How do/should indicators motivate actions, and which actions
   Q3: What are attributes of vulnerability, i.e., how should vulnerability be measured?

2. **Peer review**
   Casey Brown will provide peer feedback on the paper and presentation of Christian Kühlicke.

   Casey Brown will receive peer feedback (on paper and presentation) from Vikrom Mathur.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur.**
   Casey Brown will rapporteur on: 26 July, Wednesday, A5 Keynote 8:30 - 9:45. The speakers or presenters during your session will be: Tom Downing.
Task summary for: Danny De Vries, devries@email.unc.edu

1. **Presentation:** 24 July, Monday, B1 PhD Session, 10:15 - 12:00
   **Presentation title:** Temporal Vulnerability: A Historical Ecology of Flooding

   **Keywords:** temporal vulnerability, historical ecology, multiscalarity, U.S. floodplains

   **Questions Danny De Vries will address in presentation:**
   1. How are cultural memory and social vulnerability related?
   2. How could cultural memory be measured and integrated in vulnerability analysis?
   3. Does temporal vulnerability differ from social vulnerability?

   **Questions Danny De Vries would like to pose to peers during the Summer Academy:**
   Q1: I would like to ask others how they propose to integrate history and memory in social vulnerability assessments (what I call temporal vulnerability); to what extent they see temporal vulnerability as distinct from historical analysis of social vulnerability; what indicators could be used to measure temporal vulnerability?

   Q2: I would like to ask others how possible or impossible they see the integration of history and memory in social vulnerability assessments; how they suggest such integration should proceed; and what potential indicators they might propose to measure the role of cultural memory in vulnerability analysis (if any).

2. **Peer review**
   Danny De Vries will provide peer feedback on the paper and presentation of Fernando Briones.

   Danny De Vries will receive peer feedback (on paper and presentation) from Lele Zou.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur**
   Danny De Vries will rapporteur on: 28 July, Friday, B8 PhD Session 10:15 - 12:00. The speakers or presenters during your session will be: Fabiola Sosa, Patrick Sakdolparak.
Task summary for: Lorenz Dolezalek, ldolezalek@munichre.com

1. Presentation: 27 July, Thursday, B7 PhD Session, 13:45 - 15:30
   Presentation title: Climate Risk Index and Megacity Risk Index, an introduction.

   Keywords: mapping vulnerability, megacities, spatial distribution of losses

   Questions Lorenz Dolezalek will address in presentation:
   1. How are losses (fatalities, economic losses, insured losses) spatially distributed?
   2. Does climate change have an effect on losses?
   3. Can insurance solutions help less developed countries to finance losses?

   Questions Lorenz Dolezalek would like to pose to peers during the Summer Academy:

2. Peer review
   Lorenz Dolezalek will provide peer feedback on the paper and presentation of Ricardo Guimarães.

   Lorenz Dolezalek will receive peer feedback (on paper and presentation) from Frederick Thierry Palafox.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. Rapporteuring.
   The speakers or presenters during your session will be: Lele Zou, Fernando Briones.
Task summary for: Alexander Fekete, fekete@ehs.unu.edu

1. **Presentation:** observer, no presentation, 
   **Presentation title:** observer

   **Keywords:** vulnerability indicators, flooding, Germany, macro scale, remote sensing, GIS, Agent Based Simulation

**Questions Alexander Fekete will address in presentation:**
1. How can social vulnerability be measured and quantified?
2. How can social issues be combined with analyses of hydraulics, environment and remote sensing? How can remote sensing contribute to social vulnerability assessment? What role does social vulnerability play in Germany concerning flooding hazard?
3. How successful can social vulnerability analysis be on the macro scale? How can micro and macro level be combined?

**Questions Alexander Fekete would like to pose to peers during the Summer Academy:**

Q1. Why should researchers use the concept of 'social vulnerability'? What does this concept include, that analysis of poverty, economic shocks, risk assessment, etc. do not provide? What aspects do 'social vulnerability' capture, that other concepts do not?

Q2. How can the individual human security be captured and be integrated into an analysis of a large-scale flood event? What information on social vulnerability is needed in case of a rapid damage assessment? Is there a distinct (defined) border between economic, socio-economic and social vulnerability?

Q3. In what non-monetary terms can social vulnerability be quantified? How can social vulnerability be weighted in a scientifically sound fashion? How can social vulnerability analysis be validated?

2. **Peer review**

Alexander Fekete will provide peer feedback on the paper and presentation of none.

Alexander Fekete will receive peer feedback (on paper and presentation) from none.

Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur**

Alexander Fekete will rapporteur on: 27 July, Thursday, A7 Keynote 8:30 - 9:45. The speakers or presenters during your session will be: Hans Bohle.
Task summary for: Melanie Gall, melanie.gall@web.de

1. **Presentation:** 24 July, Monday, B1 PhD Session, 10:15 - 12:00
   Presentation title: Social Vulnerability Indices: Theoretical exercises or invaluable assessment tools?

   **Keywords:** vulnerability index, index evaluation, index validation, spatial statistics, spatial information technologies

   **Questions Melanie Gall will address in presentation:**
   1. What are the methods behind the Disaster Risk Index (DRI) and what distinguishes it from other indices?
   2. Are the results of these indices indicative of social vulnerability?
   3. Does the DRI pass as an assessment tool for social vulnerability?

   **Questions Melanie Gall would like to pose to peers during the Summer Academy:**
   Q1. How valid is the assumption Disaster = Risk * Vulnerability, Q2. To what degree could the exchange between scientific findings and their integration into UN projects, publications etc. be improved?
   Q3. In practice, is pre-disaster social vulnerability considered when rebuilding after a disaster?

2. **Peer review**
   Melanie Gall will provide peer feedback on the paper and presentation of Lele Zou.

   Melanie Gall will receive peer feedback (on paper and presentation) from Fernando Briones.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur.**
   Melanie Gall will rapporteur on: 28 July, Friday, C4 Roundtable Discussion 16:00 - 17:30. The speakers or presenters during your session will be: Janos J. Bogardi.
Task summary for: Ricardo J. R. Guimarães, carimbo19@hotmail.com, ricardo.guimaraes@uni-bonn.de, guimaraes@ehs.unu.edu

1. **Presentation**: 27 July, Thursday, B6 PhD Session, 10:15 - 12:00

**Presentation title**: Searching for the Vulnerable: a review of concepts and assessments of vulnerability related to poverty

**Keywords**: Poverty and Vulnerability,

**Questions Ricardo J. R. Guimarães will address in presentation:**

1. How has “Vulnerability to Poverty” been defined in the academic literature
2. How has vulnerability been measured in empirical work on poverty?
3. What are the strengths and weaknesses of the existent measures?

**Questions Ricardo J. R. Guimarães would like to pose to peers during the Summer Academy:**

Q1: What are the similarities and differences between the assessments on vulnerability related to poverty (here presented) and the existent approaches in your field of research?

Q2: Can “Insurance Markets” be used in Developing Countries to create a safety net against poverty?

Q3: Natural Disaster and Poverty, is there a long run effect?

2. **Peer review**

Ricardo J. R. Guimarães will provide peer feedback on the paper and presentation of Lorenz Dolezalek.

Ricardo J. R. Guimarães will receive peer feedback (on paper and presentation) from Amber Wutich.

Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteuring.**

Ricardo J. R. Guimarães will rapporteur on: 28 July, Friday, A8 Keynote 8:30 - 9:45.

The speakers or presenters during your session will be: Ursula Oswald Spring.
Task summary for: Sebastian Jülich, sebastian.juelich@web.de

1. **Presentation**: 25 July, Tuesday, B3 PhD Session, 10:15 - 12:00
   **Presentation title**: Development of instruments for drought risk analysis

   **Keywords**: Drought, Risk Analysis, Vulnerability Indicators

   **Questions Sebastian Jülich will address in presentation**:
   1. How can instruments for drought risk analysis on the household level be designed?
   2. What indicators are suitable for the assessment of drought vulnerability?
   3.

   **Questions Sebastian Jülich would like to pose to peers during the Summer Academy**:

2. **Peer review**
   Sebastian Jülich will provide peer feedback on the paper and presentation of Byron Real-Lopez.

   Sebastian Jülich will receive peer feedback (on paper and presentation) from Byron Real-Lopez.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteuring**.
   Sebastian Jülich will rapporteur on: 27 July, Thursday, C3 Roundtable Discussion 16:00 - 17:30. The speakers or presenters during your session will be: Koko Warner.
Task summary for: Christian Kuhlicke, christian.kuhlicke@ufz.de

1. **Presentation**: 26 July, Wednesday, B5 PhD Session, 16:00 - 18:00
   **Presentation title**: (Non-)Knowledge and Vulnerability - The 2002 flood in the city of Eilenburg (Saxony, Germany)

   **Keywords**: knowledge and vulnerability, networks, reflexive modernity, qualitative research, flooding

   **Questions Christian Kuhlicke will address in presentation**:
   1. What are the interrelations between vulnerability and (non-)knowledge
   2. How to approach vulnerability in modern societies?
   3. What are the implications of my empirical results for action?

   **Questions Christian Kuhlicke would like to pose to peers during the Summer Academy**:

2. **Peer review**
   Christian Kuhlicke will provide peer feedback on the paper and presentation of Vikrom Mathur.

   Christian Kuhlicke will receive peer feedback (on paper and presentation) from Casey Brown.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur**
   Christian Kuhlicke will rapporteur on: 24 July, Monday, C1 Roundtable Discussion 16:00 - 17:30. The speakers or presenters during your session will be: Joern Birkmann.
Task summary for: Vikrom Mathur, vikrom.mathur@sei.se

1. **Presentation:** 26 July, Wednesday, B5 PhD Session, 16:00 - 18:00
   
   **Presentation title:** Regional Drivers and Livelihood Vulnerabilities in the Mekong Region: Exploring Institutional Mediation of Vulnerability and Environmental risks.

   **Keywords:** cross-scale institutions; institutional adaptation; institutional diversity; livelihoods

   **Questions Vikrom Mathur will address in presentation:**
   
   1. How to delimit the scope of analysis, should the regional focus evolve into (a) selection of priority sectors (b) looking at clusters of drivers (c) looking at particular livelihoods?
   
   2. 

   3. 

   **Questions Vikrom Mathur would like to pose to peers during the Summer Academy:**
   
   Q1: What are the key prevailing theories of institutional analysis and how to inform debates on public policy?
   
   Q2: Discussion around methods and tools for institutional analysis across scales?

2. **Peer review**

   Vikrom Mathur will provide peer feedback on the paper and presentation of Casey Brown.

   Vikrom Mathur will receive peer feedback (on paper and presentation) from Christian Kühlcke.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur.**

   Vikrom Mathur will rapporteur on: 25 July, Tuesday, B4 PhD Session 13: 45 - 15:30.

   The speakers or presenters during your session will be: Laura Olson, Byron Real-Lopez.
Task summary for: Fabien Nathan, Fabien.Nathan@iued.unige.ch

1. **Presentation:** 28 July, Friday, B9 PhD Session, 13:45 - 15:30
   
   **Presentation title:** Vulnerability and resilience to land- and mudslides in the hill-slopes of La Paz, Bolivia: theoretical and practical considerations

   **Keywords:** vulnerability, resilience, risk perception, urban natural risks

   **Questions Fabien Nathan will address in presentation:**
   1. how risk is socially constructed in urban settings (case: La Paz)
   2. risk perception as a (social) vulnerability factor
   3. conceptual clarification of risk, vulnerability and resilience with emphasis on social vulnerability

   **Questions Fabien Nathan would like to pose to peers during the Summer Academy:**
   - Q1: Is resilience the exact inverse of vulnerability, or is there a difference between V and 1/Resilience?
   - Q2: How can we better conceptualize the link between risk and social domination?
   - Q3: How can we avoid new settlements at risk in an efficient manner?

2. **Peer review**

   Fabien Nathan will provide peer feedback on the paper and presentation of Fabiola Sosa.

   Fabien Nathan will receive peer feedback (on paper and presentation) from Patrick Sakdolparak.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteuring.**

   Fabien Nathan will rapporteur on: 26 July, Wednesday, A6 Keynote 10:15 - 12:30. The speakers or presenters during your session will be: Tom Downing.
Task summary for: Laura Olson, lolson@gwu.edu

1. Presentation: 25 July, Tuesday, B4 PhD Session, 13:45 - 15:30
   Presentation title: Voices from Hurricane Katrina and the Tsunami: Water-related Disasters and Social Vulnerability

   Keywords: political process, organizational behavior, social vulnerability, globalization, emergency management

   Questions Laura Olson will address in presentation:
   1. What is the role of municipal and state (staat) governments in addressing the root causes of social vulnerability, and how can the societal (collective) experience of disasters encourage a re-examination of the roles and responsibilities of governance str
   2. How is society (examined in a case- and culture-specific context) “constituted” and “controlled” in ways that promote inequities and stratifications that increase vulnerability for certain groups?
   3. How does the “individual story” or narrative help to personalize and convey disaster relief and recovery efforts and impact the quest to bring about the mitigation of social vulnerability (power relations and social change)?

   Questions Laura Olson would like to pose to peers during the Summer Academy:
   Q1: The wealth of theoretical musings about the impact of disasters on socially vulnerable groups has found too little translation into practical policies of disaster mitigation and societal change. How can we make the body of work produced at this conference and in the literature on social vulnerability easily digestible and commonly accepted amongst governments and strategic policy-making bodies world-wide? In what ways can we bridge the gap between theory and practice and make our suggested practices palatable to funding organizations?
   Q2: What advice would you be able to offer those of us participating in this academy on important viewpoints or methodologies that are missing in our papers? What constitutes “marketable” research that is sought after or seen as a “must” (qualitative vs. quantitative research). What is the state-of-the-art in your viewpoint and how does our work fit into or contrast with this model?
   Q3: What ideas and conceptual approaches/philosophies on community resilience and social vulnerability are working today? Are we succeeding or failing as we try to secure human populations and what is the future trajectory for our efforts in your opinion?

2. Peer review
   Laura Olson will provide peer feedback on the paper and presentation of Firoz Verjee.

   Laura Olson will receive peer feedback (on paper and presentation) from Firoz Verjee.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. Rapporteur
   Laura Olson will rapporteur on: 24 July, Monday, B1 PhD Session 10:15 - 12:00. The speakers or presenters during your session will be: Danny DeVries, Melanie Gall.
Task summary for: Frederick Thierry Palafox, fredericktp@hotmail.com

1. Presentation: 27 July, Thursday, B6 PhD Session, 10:15 - 12:00
   Presentation title: Development and poverty: the double role of water for vulnerable urban groups.

   **Keywords:** Urban poverty, Social vulnerability, Epistemology poverty, Qualitative investigation, Development Anthropology

   **Questions Frederick Thierry will address in presentation:**
   1. Q1. Which are the social, economic and cultural factors that cause vulnerability in cities?
   2. Q2. How it is that the water can, at the same time, improve or worsen the quality of life of the people who live in irregular urban zones?
   3. Q3. Which is the value and the utility of the qualitative investigation in social sciences, to reduce the vulnerability of the people and to improve quality of life?

   **Questions Frederick Thierry would like to pose to peers during the Summer Academy:**
   Q1. What are the differences and similarities between development concepts, poverty and social vulnerability, from an epistemologic approach?
   Q2. From the personal experiences of each one of the assistants, how the active participation of the society can help to reduce the vulnerability?
   Q3. How it must of being considered the social and cultural diversity when speaking of vulnerability?

2. Peer review
   Frederick Thierry will provide peer feedback on the paper and presentation of Amber Wutich.

   Frederick Thierry will receive peer feedback (on paper and presentation) from Lorenz Dolezalek.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. Rapporteur.
   Frederick Thierry will rapporteur on: 25 July, Tuesday, A4 Keynote 8:30 - 9:45. The speakers or presenters during your session will be: Ben Wisner.
Task summary for: Byron Real-Lopez, cordavi_elaw@yahoo.com

1. **Presentation:** 25 July, Tuesday, B4 PhD Session, 13:45 - 15:30
   
   **Presentation title:** The Importance of the Sense of Community and Cultural Behavior in the Pre-Landfall Evacuation of Hispanic People in the Katrina Hurricane

   **Keywords:** Evacuation, vulnerability, personal and social decisions, culture

   **Questions Byron Real-Lopez will address in presentation:**
   1. 1. Is culture a modifier of social vulnerability?
   2. 2. In an absence of clear information of local authorities regarding disasters, how important is cultural behavior in taking personal decisions?
   3. 3. When culture is good for avoiding distress and when not?

   **Questions Byron Real-Lopez would like to pose to peers during the Summer Academy:**

2. **Peer review**
   
   Byron Real-Lopez will provide peer feedback on the paper and presentation of Sebastian Jülich.

   Byron Real-Lopez will receive peer feedback (on paper and presentation) from Sebastian Jülich.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporturing.**
   
   Byron Real-Lopez will rapporteur on: 28 July, Friday, B9 PhD Session 13:45 - 15:30. The speakers or presenters during your session will be: Erendira Serrano, Fabien Nathan.
Task summary for: Patrick Sakdopolrak, sakdapolrak@giub.uni-bonn.de

1. **Presentation**: 28 July, Friday, B8 PhD Session, 10:15 - 12:00
   **Presentation title**: Coping with water-related stressors: Towards an integrated health vulnerability framework for Chennai

   **Keywords**: health vulnerability, water related stressors, Chennai/India

   **Questions Patrick Sakdolparak will address in presentation**:
   1. What are the benefits, drawbacks and potentials of an actor-oriented and health focused research on water-related social vulnerability?
   2. 
   3. 

   **Questions Patrick Sakdolparak would like to pose to peers during the Summer Academy**:
   To build resilience is a long term project, how can do it in a climate change circumstances? Where should we focus our attention in an overcomplexity context?

2. **Peer review**
   Patrick Sakdolparak will provide peer feedback on the paper and presentation of Fabien Nathan.

   Patrick Sakdolparak will receive peer feedback (on paper and presentation) from Erendira Serrano.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur**
   Patrick Sakdolparak will rapporteur on: 27 July, Thursday, B7 PhD Session 13: 45 - 15:30. The speakers or presenters during your session will be: Amber Wutich, Lorenz Dolezalek.
Task summary for: Erendira Serrano, sesohi@gmail.com, sesohi@hotmail.com

1. **Presentation:** 28 July, Friday, B9 PhD Session, 13:45 - 15:30
   **Presentation title:** “The phenomenon of migration in the community of San Martin Tilcajete, Oaxaca. A qualitative and gender sensitive reading of vulnerability.”

   **Keywords:** migration, identity, gender, local and global articulations
   **Questions Erendira Serrano will address in presentation:**
   1. The link between vulnerability and gender
   2. The impact of migration in community settings and identity
   3. Social vulnerability as a multi-level process

   **Questions Erendira Serrano would like to pose to peers during the Summer Academy:**
   Questions to colleagues: a) Have you considered gender vulnerability in your research? In what ways? Which changes in the world outlook of your research place reflect the influences of modernity and mass communications? How do these changes affect the nature - culture relationship? What ideas do you have in mind in order to address vulnerability in the long-term, taking into account social and cultural elements in contexts of human action and interaction?

2. **Peer review**
   Erendira Serrano will provide peer feedback on the paper and presentation of Patrick Sakdolparak.

   Erendira Serrano will receive peer feedback (on paper and presentation) from Fabiola Sosa.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur**
   Erendira Serrano will rapporteur on: 24 July, Monday, A3 Keynote 8:30 - 9:45. The speakers or presenters during your session will be: Tony Oliver.
Task summary for: Fabiola Sosa, fsosa@colmex.mx

1. **Presentation:** 28 July, Friday, B8 PhD Session, 10:15 - 12:00
   **Presentation title:** The gap between "objective and perceived" risk and the role of the science and planning
   **Keywords:** "Objective risk", "Perceived risk", urban water-related risk, urban water-related problems, human vulnerability, risk management and planning
   **Questions Fabiola Sosa will address in presentation:**
   1. Is there a difference between "objective risk" and "perceived risk"?
   2. Are science and planning failing in reducing risk exposure and for this reason they are increasing social vulnerability?
   3. How can we measure risk perception and who are the main actors in building a dominant social image of risk?
   **Questions Fabiola Sosa would like to pose to peers during the Summer Academy:**

2. **Peer review**
   Fabiola Sosa will provide peer feedback on the paper and presentation of Erendira Serrano.
   Fabiola Sosa will receive peer feedback (on paper and presentation) from Fabien Nathan.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur**
   Fabiola Sosa will rapporteur on: 25 July, Tuesday, B3 PhD Session 10:15 - 12:00. The speakers or presenters during your session will be: Sebastian Jülich, Firoz Verjee.
Task summary for: Firoz Verjee, firoz@verjee.net, fverjee@gwu.edu

1. **Presentation**: 25 July, Tuesday, B3 PhD Session, 10:15 - 12:00

   **Keywords**: Aquifer Exploration in Chad/Sudan using Remote Sensing & GIS, Coordination of Humanitarian Assistance using GIS

   **Questions Firoz Verjee will address in presentation**:
   1. 
   2. 
   3. 

   **Questions Firoz Verjee would like to pose to peers during the Summer Academy**:

2. **Peer review**
   Firoz Verjee will provide peer feedback on the paper and presentation of Laura Olson.

   Firoz Verjee will receive peer feedback (on paper and presentation) from Laura Olson.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteuring**
   Firoz Verjee will rapporteur on: 26 July, Wednesday, B5 PhD Session 16:00 - 18:00.
   The speakers or presenters during your session will be: Casey Brown, Christian Kühliche, Vikrom Mathur.
Task summary for: Amber Wutich, awutich@hotmail.com

1. **Presentation:** 27 July, Thursday, B7 PhD Session, 13:45 - 15:30  
   **Presentation title:** Understanding Vulnerability and Resilience to Urban Water Scarcity: A Case from Cochabamba, Bolivia

   **Keywords:** urban water scarcity, water security, political ecology, poverty

   **Questions Amber Wutich will address in presentation:**
   1. Thematic question 1: To what extent can existing theories of vulnerability and resilience be applied to water-related problems? Specific question 1: Can famine theory predict human behavior under conditions of urban water scarcity?
   2. Thematic question 2: How can social science methodology be used to study water-related social vulnerabilities? Specific question 2: How can “urban water scarcity” be operationalized and measured at the household level?
   3. Thematic question 3: How do politics, economy, culture, and ecology shape water-related vulnerabilities and resilience? Specific question 3: What is the political ecology of water scarcity in Cochabamba, Bolivia?

   **Questions Amber Wutich would like to pose to peers during the Summer Academy:**
   Q1: How do different economic, political, cultural, and ecological systems shape water-related social vulnerability and resilience? What similarities and differences can we identify across communities?
   Q2: How can we improve measures of water-related vulnerability and resilience at the national, community, and household level?
   Q3: What recommendations have you determined would improve water-related resilience in the communities where you work? What similarities and differences can we identify across communities?

2. **Peer review**

Amber Wutich will provide peer feedback on the paper and presentation of Ricardo Guimareas.

Amber Wutich will receive peer feedback (on paper and presentation) from Frederick Thierry Palafox.

Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur.**

Amber Wutich will rapporteur on: 25 July, Tuesday, C2 Roundtable Discussion 16:00 - 17:30. The speakers or presenters during your session will be: Katharina Thywissen.
Task summary for: Lele Zou, lele.zou@sei.se

1. **Presentation:** 24 July, Monday, B2 PhD Session, 13: 45 - 15:30
   
   **Presentation title:** Synthesising Lessons on the causes of Vulnerability to coastal hazards in South-East Asia

   **Keywords:** coastal hazards, social vulnerability, underlying causes, South-east Asia, synthesis

   **Questions Lele Zou will address in presentation:**
   1. What are the main underlying driving forces to the loss of life in the coastal hazards in South-east Asia?
   2. Are the vulnerability reduction strategies (temporal and spatial) in those SE Asian area effective?
   3. 

   **Questions Lele Zou would like to pose to peers during the Summer Academy:**
   1. Q1: How to syncretize the structural methods of modeling with the factual and descriptive sociological methods to simulate (or assess, forecast, etc.) the development of social vulnerability to such hazards?
   2. Q2: What are the main obstacles of carrying out the effective institutional policies to reduce the vulnerabilities?
   3. Q3: Though the cultural, historical and psychological factors are among the main driving forces to social vulnerability, there seems very little we can do to change them in a relative short period. What can we do?

2. **Peer review**

   Lele Zou will provide peer feedback on the paper and presentation of Danny DeVries.

   Lele Zou will receive peer feedback (on paper and presentation) from Melanie Gall.

   Refer to the detailed session descriptions and program for day, session, and time you will peer review.

3. **Rapporteur.**

   Lele Zou will rapporteur on: none, . The speakers or presenters during your session will be: .
Annex 5: Pre-Academy Evaluation

Dear Summer Academy Participants,

We are looking forward to spending the week with you at the 2006 Summer Academy. We strive to make the Academy a high-quality experience, and involve all participants in both the process and outcomes of the week together. Please complete the attached pre-evaluation and return it to the registration desk when you arrive at the Summer Academy. A few comments about the pre-evaluation:

1. **Purpose**: This pre-evaluation establishes a baseline against which you can measure change in your own skills that may occur during the Summer Academy. We are also very interested to learn what you hope to experience during the Academy scientifically, professionally, and personally. At the end of the Academy, we will ask you to complete an evaluation similar to the pre-evaluation. Your responses help us gauge the degree to which we facilitated the growth of participants, give you a chance to tell us what you liked or disliked, and guide us in making improvements in future academies.

2. **Learning objectives**: The pre-evaluation asks you to assess your own abilities in three areas—overview of the “state of the art” in social vulnerability, peer review skills, and network building. These areas reflect the Summer Academy learning objectives.

3. **Anonymous**: The pre-evaluation and evaluation at the end of the Academy are both anonymous, but numbered at registration so that academy organizers can assess the academy for future planning purposes. We also welcome additional feedback you might have about the Academy beyond that which you give us in the pre- and post-academy evaluations.

Thank you for participating in the evaluation process.

Sincerely,

Koko Warner

Koko Warner
On behalf of the MunichRe Foundation Chairs on Social Vulnerability
Pre-evaluation #:________________

Learning objective:
State of the art

1. How familiar do you feel with the with the most important research issues, scientific debates, and solutions related to social vulnerability? 1.1

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Learning objective:
Connecting knowledge and finding solutions

2. How familiar do you feel with literature and methods in social vulnerability science? 1.1

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Learning objective:
Critical assessment of social vulnerability research methods.

3. How able do you feel in the following areas (ability in these areas are useful for scientific reporting and rapporteuring): 1.2

<table>
<thead>
<tr>
<th>Reporting on scientific presentations</th>
<th>Analyzing the findings and main messages of a scientific meeting</th>
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Learning objective:
Peer review and improving social vulnerability science.

4. How familiar do you feel with research methods in social vulnerability sciences? 2.1

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Learning objective:
Evaluate the value of evidence presented in a scientific paper

5. How comfortable do you feel in the following areas (ability in these areas are useful for peer review): 2.2

<table>
<thead>
<tr>
<th>Evaluate the value of evidence presented in a scientific paper</th>
<th>Assess the value of theories in the literature related to social vulnerability</th>
<th>Compare and analyze ideas in literature related to social vulnerability</th>
<th>Give useful written and oral feedback</th>
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6. What is your current professional network like? Please check or circle answers that apply.  

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<thead>
<tr>
<th>Academic profile (check all that apply).</th>
<th>My network is made up mostly of (check one).</th>
<th>Area in which your network helps you most (check one).</th>
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<tbody>
<tr>
<td>__My network is dominated by a single academic discipline</td>
<td>__PhDs and postdocs</td>
<td>__Publication</td>
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<tr>
<td>__My network is made up of multiple academic disciplines</td>
<td>__Mid-level researchers and professionals</td>
<td>__Projects</td>
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<td>__My network is made up of mostly academics</td>
<td>__Senior researchers, professors, and professionals</td>
<td>__Fieldwork</td>
</tr>
<tr>
<td>__My network is made up of mostly practitioners and/or policy makers</td>
<td>__Roughly balanced among PhDs, mid-level, and senior researchers</td>
<td>__Other:</td>
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</table>

7. In what ways would you like to see your network change as a result of attending the Summer Academy?  

What do you think are the most important areas for further development or improvement in social vulnerability science? Please specify, use back of page if you need more space.

8. Social vulnerability science:  

   Education:  

   Research methods:  

   Professional networks:  

   Other:  

Continued on next page.
9. Social vulnerability policy

- International (i.e. development policy, international cooperation)
  
  
  
  
- National
  
  
  
  
- Local
  
  
  
  
10. Social vulnerability practice

- International (i.e. development policy, international cooperation)
  
  
  
  
- National
  
  
  
  
- Local
  
  
  
  
**Thank you for completing the pre-evaluation.** Please return to Koko Warner (warner@ehs.unu.edu) or Vilma Liaukonyte (liaukonyte@ehs.unu.edu).
Annex 6: Post-Academy Evaluation

Post-evaluation #: __________

Instructions: This post-evaluation has two parts. First, please fill out the self-evaluation, similar to the one you completed before the Academy began. You will receive both the pre- and post- self evaluations back for your own interest before you leave the workshop venue on Saturday. Second, please fill out the evaluation of the Academy program. We appreciate your feedback and candor, which will help us improve our work in the future.

Part I: Post-Academy Self Evaluation

Learning objective:
State of the art

1. How familiar do you now feel with the research issues, scientific debates, and solutions related to social vulnerability? 1.1

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1.1 Do you feel that the Summer Academy addressed some of the most important research issues, scientific debates, and solutions related to social vulnerability? 1.1

_____ Yes  _____ No  ______ Was something missing, in your opinion? (answer below)

2. How familiar do you now feel with literature and methods in social vulnerability science? 1.1

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2.1 How many new literature sources and methodologies were you exposed to during the Summer Academy? 1.1

0-3

4-6

7-10

10 or more

Learning objective:
Connecting knowledge and finding solutions

3. How able do you feel in the following areas (ability in these areas are useful for scientific reporting and rapporteuring): 1.2

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4. How familiar do you feel with research methods in social vulnerability sciences?  

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5. How comfortable do you feel in the following areas (ability in these areas are useful for peer review)?

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6. In what ways do you think your network has changed as a result of attending the Summer Academy? Please check or circle answers that apply.

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<tr>
<th>Academic profile (check all that apply).</th>
<th>In which group will your network most likely expand after attending the Summer Academy (check one).</th>
<th>Do you plan to undertake any of the following with people you met at the Summer Academy (check all that apply).</th>
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<tbody>
<tr>
<td>__My network is still dominated by a single academic disciplines</td>
<td>__PhDs and postdocs</td>
<td>__Publication</td>
</tr>
<tr>
<td>__My network is expanding to include multiple academic disciplines</td>
<td>__Mid-level researchers and professionals</td>
<td>__Projects</td>
</tr>
<tr>
<td>__My network is still made up of mostly academics</td>
<td>__Senior researchers, professors, and professionals</td>
<td>__Fieldwork</td>
</tr>
<tr>
<td>__My network is expanding to include more practitioners and/or policy makers</td>
<td>__Roughly balanced among PhDs, mid-level, and senior researchers</td>
<td>__Other:</td>
</tr>
</tbody>
</table>

7. During the Summer Academy, did your network grow in any of the following ways? Check all that apply.

- __plan to keep in contact to discuss research ideas (email dialogue)
- __discussed co-authoring a paper on a topic related to social vulnerability
- __discussed research and/or project collaboration on a topic related to social vulnerability
- __other (please specify)_____________________________________________________________
After attending the Summer Academy, what do you think are the most important areas for further development or improvement in social vulnerability science? Please specify, use back of page if you need more space. 1.2

8. Social vulnerability science: 1.2

Education:

Research methods:

Professional networks:

Other:

Continued on next page.

9. Social vulnerability policy 1.2

International (i.e. development policy, international cooperation)

National

Local

Continued on next page.

10. Social vulnerability practice: 1.2

International (i.e. development policy, international cooperation)
National

Local
## Part II: Post-Academy Program Evaluation

### 1. Overall Program
Which activity(ies) were most helpful in deepening your knowledge of vulnerability science? 1.1

<table>
<thead>
<tr>
<th>Activity</th>
<th>Rating Scale: 1 = strongly disagree, 2 = disagree, 3 = agree, 4 = strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keynote lectures (which one was particularly helpful?)</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Wednesday working session</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>PhD research sessions</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Roundtable discussions</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Peer review</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Rapporteur</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Informal time (meals, breaks, excursion)</td>
<td>1 2 3 4</td>
</tr>
</tbody>
</table>

### 2. Keynote Lectures

<table>
<thead>
<tr>
<th>Activity</th>
<th>Rating Scale: 1 = strongly disagree, 2 = disagree, 3 = agree, 4 = strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Were thematically interesting</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Were well presented</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Helped me understand new developments in social vulnerability science</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Introduced me to new references and methods</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Identified links between research areas</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Showed me when to use particular research methods</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Showed me how different research approaches fit into the broader spectrum of social vulnerability science</td>
<td>1 2 3 4</td>
</tr>
</tbody>
</table>

### 3. Working Session (Wednesday) 1.1

<table>
<thead>
<tr>
<th>Activity</th>
<th>Rating Scale: 1 = strongly disagree, 2 = disagree, 3 = agree, 4 = strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Were thematically interesting</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Group process was managed well</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Helped me understand new developments in social vulnerability science</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Introduced me to new references and methods</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Identified links between research areas</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Showed me when to use particular research methods</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Showed me how different research approaches fit into the broader spectrum of social vulnerability science</td>
<td>1 2 3 4</td>
</tr>
</tbody>
</table>

### 4. PhD Research Sessions 1.1

<table>
<thead>
<tr>
<th>Activity</th>
<th>Rating Scale: 1 = strongly disagree, 2 = disagree, 3 = agree, 4 = strongly agree</th>
</tr>
</thead>
</table>

---

**Continued on next page.**

**4. PhD research sessions 1.1**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Rating Scale: 1 = strongly disagree, 2 = disagree, 3 = agree, 4 = strongly agree</th>
</tr>
</thead>
</table>
Were thematically interesting 1.1
Ideas were clearly presented and interesting 1.1
Helped me understand new developments in social vulnerability science 1.1
Introduced me to new references and methods 1.1
Identified links between research areas 1.2
Showed me when to use particular research methods 2.1
Showed me how different research approaches fit into the broader spectrum of social vulnerability science 2.2

What might we improve, and how?

5. Roundtable discussions 1.1

<table>
<thead>
<tr>
<th>Rating scale: 1 = strongly disagree, 2 = disagree, 3 = agree, 4 = strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Were thematically interesting 1.1</td>
</tr>
<tr>
<td>Sparked my imagination and facilitated in-depth discussion 1.1</td>
</tr>
<tr>
<td>Helped me understand new developments in social vulnerability science 1.1</td>
</tr>
<tr>
<td>Introduced me to new references and methods 1.1</td>
</tr>
<tr>
<td>Identified links between research areas 1.2</td>
</tr>
<tr>
<td>Showed me when to use particular research methods 2.1</td>
</tr>
<tr>
<td>Helped bring together major themes from keynotes and PhD sessions 2.2</td>
</tr>
</tbody>
</table>

What might we improve, and how?

6. How did you use your unstructured time? Check all that apply.
   _check email
   _network and collaborative work
   _think and relax
   _discuss ideas with colleagues
   _prepare for sessions

7. Did you have enough unstructured time?
   ___Yes    ___No    ____Do you have suggestions? (answer below)

Continued on next page.
8. Peer review and rapportuering

Rating scale: 1 = not helpful, 2 = somewhat helpful, 3 = helpful, 4 = very helpful

<table>
<thead>
<tr>
<th>Question</th>
<th>Rating</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was the use of peer reviews an effective learning method?</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Did peer review feedback help you see how different research activities fit in the spectrum of social vulnerability science?</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Was the use of rapportuers an effective learning method?</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Did rapportuers distill the main points and help articulate the most pressing issues?</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

What might we improve, and how?

9. What parts of the Summer Academy were most helpful to your network?  

Rating scale: 1 = not helpful, 2 = somewhat helpful, 3 = helpful, 4 = very helpful

<table>
<thead>
<tr>
<th>Activity</th>
<th>Rating</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mentoring and feedback from MRF chairs</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Peer review feedback</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Discussions during breaks, meals, free time</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Other (please specify):</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

What might we improve, and how?

10. Did the material provided to you before the Academy give you information that helped you network effectively with other participants? 

Rating scale: 1 = not helpful, 2 = somewhat helpful, 3 = helpful, 4 = very helpful

<table>
<thead>
<tr>
<th>Material</th>
<th>Rating</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer Academy syllabus</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Detailed session descriptions</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Participant biographies</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Email messages from Koko Warner</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Other (please specify):</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

What might we improve, and how?

What were your favorite elements of the program?

11.1 Most interesting keynote topic:________________________________________________________

11.2 Best PhD research session:____________________________________________________________

11.3 Most interesting roundtable discussion:________________________________________________

11.4 Other:______________________________________________________________________________

Continued on next page.
12. Results: How do you rate the results of the Summer Academy?  

<table>
<thead>
<tr>
<th>Question</th>
<th>Rating scale: 1 = no, 2 = somewhat, 3 = yes, 4 = yes, very much so</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you feel your own work has or will have practical applications</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>that address real-world social vulnerability?</td>
<td></td>
</tr>
<tr>
<td>Do you feel your own research could be useful in other geographic</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>regions, and among different groups of vulnerable people?</td>
<td></td>
</tr>
<tr>
<td>Did the Summer Academy change your perspective on the need for real-</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>world solutions to problems related to social vulnerability??</td>
<td></td>
</tr>
</tbody>
</table>

13. How useful do you think the “list” of pressing issues identified during the Summer Academy will be for the following stakeholders?  

<table>
<thead>
<tr>
<th>Stakeholder</th>
<th>Rating scale: 1 = not useful, 2 = somewhat useful, 3 = useful, 4 = very useful</th>
</tr>
</thead>
<tbody>
<tr>
<td>policy makers (government officials, donors)</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>academia and research</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>public awareness</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>communities at risk (local)</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>for your own research work</td>
<td>1 2 3 4</td>
</tr>
</tbody>
</table>

14. How do you rate the Summer Academy venue at Schloss Hohenkammer?  

<table>
<thead>
<tr>
<th>Venue</th>
<th>Rating scale: 1 = poor, 2 = acceptable, 3 = very good, 4 = exceptional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodation</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Meals and coffee breaks</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Meeting room(s)</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Staff and service</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Garden and grounds</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Other (please specify):</td>
<td>1 2 3 4</td>
</tr>
</tbody>
</table>

What might we improve, and how?

Thank you for completing the evaluation. Your feedback is valuable to us.

Enjoy your Bavarian dinner, and congratulations on completing a work-intensive week. We look forward to keeping in contact with you. It was a pleasure working with you at the 2006 Summer Academy!
Annex 7: Venue information

Summer Academy at Schloss Hohenkammer
23 – 29 July 2006

Academy at Munich Re Center in Schloss Hohenkammer, Schlossstraße 20, 85411 Hohenkammer,

www.schlosshohenkammer.de

Transfer from your arrival in Munich to Academy Venue
A shuttle service has been arranged to transfer Academy participants from Munich international airport to the academy venue at Schloss Hohenkammer.
Note, if you choose to make your own travel arrangements to Schloss Hohenkammer (such as with a taxi or with public transportation), you must pay for this transfer yourself. A taxi transfer from the Munich airport to the venue costs between 50 and 60 Euro, and must be paid in Euro (cash). A public transportation trip costs between 15 and 20 Euro.

How to get to Hohenkammer by public transport:
By car - Take the highway (Autobahn) A9 Munich-Nürnberg and leave it after 40 km at the exit Allershausen. From there the journey is only 5 km to Hohenkammer.
By train - At the Hauptbahnhof (Main Station) in Munich take the S-Bahn S2 to Petershausen. Take a taxi from Petershausen (6 km).
By airplain - Fly to Munich (Franz-Josef-Strauss) airport and take the S-Bahn S8 to Munich Hauptbahnhof (Main Station). Change to train S2 going to Petershausen and take a taxi from Petershausen(6km.). This all will take about 2 hours.

You can find all directions and information online at:
http://www.schlosshohenkammer.de/route.htm
http://www.bahn.de
http://www.mvv-muenchen.de/de/home/index.html
(type in: from "Munich airport" and to "Hohenkammer").
Clothing/ Weather:

Suggested dress for the workshop is business casual. Weather in Munich in July can be variable, ranging from night time lows of +10°C to daytime highs of 35°C. Weather in July is usually pleasant with a considerable amount of sunshine, but be prepared for showery conditions as well. Therefore, a light, waterproof windbreaker may be good thing to pack.

The area:

From the first millennia A.D., the area north of Munich was dominated by the Catholic church, various powerful families, and knights. The village of Hohenkammer itself dates back over 1200 years. It was awarded a chapel and priest in 784. In 1152, the Knight of Hohenkammer laid plans to make his small village the capital of Bavaria, and his own land holdings the seat of government. This vision was expressed in the form of a fortress with a moat, build in 1290. The fortress, a typical moated castle that can still be seen today in many parts of Germany, was rebuilt in 1550 and then again after a fire in 1634. Although the Knight of Hohenkammer was unsuccessful in his bid for power, he did leave behind the lovely Schloss Hohenkammer as a monument to his vision. Today Schloss Hohenkammer is a popular attraction for locals and visitors alike.

Located 30 minute’s drive north of Munich, the village and surrounding area offers a picturesque Bavarian countryside landscape, dominated by the spire of the local church and the onion-domed castle itself. Today Schloss Hohenkammer serves as a convention facility with modern meeting rooms, comfortable accommodation, and a welcoming dining atmosphere. The castle is surrounded by well-kept gardens, a short stroll, and an organic farm which supplies the conference center with fresh produce daily. Special home-made brandy and cold-pressed pumpkin seed oil are also specialties of the farm.

Located a thirty minute’s drive north of Munich, Hohenkammer is a rural village with a 1200-year history, offering everything that natives and visitors alike cherish about Bavaria: a picturesque, quaint place with the historic landmark of the castle, surrounded by an intact natural landscape that exudes peace and tranquility.

More information on sites in and around Hohenkammer can be found at: