

## ***Programme***

# **Expert Meeting on Vulnerability, Climate Change Risk and Adaptation in Can Tho City and Tra Vinh**

**Moderation:** Dr. Joern Birkmann, Matthias Garschagen & Nguyen Thanh Binh (UNU-EHS)  
**Language:** English and Vietnamese (with translation in both directions)

### **Monday, 05 October 2009: Can Tho City – Urban and Peri-Urban Focus**

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| 14.00-14.15 | <b>Welcome, Opening Address, Goals and Structure of the Meeting, Round of Introduction</b><br>Dr. Tran Thanh Be (Director MDI, CTU)<br>Dr. Joern Birkmann (UNU-EHS)                              |
| 14.15-14.35 | <b>The WISDOM Project and its Component on Assessment of Vulnerabilities towards Water-Related Hazards and Climate Change in Can Tho</b><br>Mr. Matthias Garschagen (UNU-EHS)                    |
| 14.35-14.55 | <b>Disaster Risk Management and Climate Change Adaptation in Europe and Germany: Lessons Learned and Questions of Transferability to Vietnam</b><br>Dr. Joern Birkmann (UNU-EHS)                 |
| 14.55-15.15 | <b>Joint Discussion: Lessons Learned</b><br>Moderation: Prof. Dr. Frauke Kraas (University of Cologne, Germany)  |
| 15.15-15.30 | <b>Tea Break</b>   |
| 15.30-15.55 | <b>Cities as Hotspots of Social Vulnerability and Risk – Experiences and Trends in Asia</b><br>Prof. Dr. Frauke Kraas (University of Cologne, Germany)   |
| 15.55-16:20 | <b>Urban Climate Change Adaptation in Vietnam – Lessons Learned from Da Nang, Quy Nhon and Can Tho</b><br>Dr. Bach Tan Sinh (Director Dept. of S&T Hum. Res. Policy and Organization, MoST)      |
| 16:20-16:40 | <b>Joint Discussion: Lessons Learned</b><br>Moderation: Mr. Matthias Garschagen (UNU-EHS)  |
| 16:40-17.05 | <b>The Research Institute for Climate Change and Assessment on Climate Change Vulnerability to Agriculture in the Mekong Delta</b><br>Dr. Le Anh Tuan (College of Env. and Nat. Res., CTU)       |
| 17.05-17.25 | <b>Joint Discussion: Direct and Indirect Impacts of Climate Change in Urban-Rural Coupled Social Ecological Systems of the Mekong Delta</b><br>Moderation: Dr. Tran Thanh Be (Director MDI, CTU) |
| 18:30       | <b>Joint Dinner</b>  |

## **Tuesday, 06 October 2009: Can Tho City – Urban and Peri-Urban Focus**

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| 08.30-08.50 | <b>Climate Change Impacts and Vulnerability Assessment for Can Tho City</b><br>Dr. Nguyen Van Be (College of Env. and Nat. Res., CTU)  |
| 08.50-09.10 | <b>Adapting Can Tho City to Climate Change Impacts and the Work of the Committee for Climate Change Adaptation CTC</b><br>Mr. Ky Quang Vinh (Director CNREM, DoNRE CTC & Chairman Committee for Climate Change Adaptation CTC) |
| 09.10-09.30 | <b>Local Resilience Action Plan for Can Tho City</b><br>Mr. Do Xuan Thuy (Consultant to World Bank and Cities Alliance)  |
| 09.30-10.00 | <b>General Discussion and Questions</b><br>Moderation: Dr. Joern Birkmann (UNU-EHS)  |
| 10.00-10.15 | <b>Coffee Break</b>  |
| 10.15-10.40 | <b>Urban Climate Change Adaptation in Vietnam – Challenges and Strategies</b><br>Dr. Nguyen Quang (Director UN-HABITAT Vietnam)  |
| 10.40-11.00 | <b>Urban Upgrading Project in Can Tho – Mitigating Flood Risk and Experiences with Resettlement</b><br>Mr. Phung Kim Chau (Vietnam Urban Upgrading Project)  |
| 11.00-11.30 | <b>Discussion: Specifics of Urban Climate Change Adaptation in Contrast to Rural Adaptation –Challenges and Chances of Urbanity</b><br>Moderation: Prof. Dr. Frauke Kraas (University of Cologne, Germany)                     |
| 11.30-13.30 | <b>Joint Lunch</b>   |
| 13.30-15.15 | <b>Joint Discussion: Hotspots of Vulnerability and Risk in Can Tho City</b><br>Moderation: Mr. Matthias Garschagen and Dr. Joern Birkmann (UNU-EHS)  |
| 15.15-15.45 | <b>Coffee Break</b>  |
| 15.45-17.30 | <b>Joint Discussion: From Risk Assessment to Adaptation Strategies – Evaluation of Different Adaptation Options, Feasibility and Priority</b><br>Moderation: Dr. Joern Birkmann and Mr. Matthias Garschagen (UNU-EHS)          |
| 17.30       | <b>Conclusion, Outlook and Closing</b><br>Dr. Tran Thanh Be (MDI)<br>Dr. Joern Birkmann (UNU-EHS)<br>Mr. Matthias Garschagen (UNU-EHS)   |

**Wednesday, 07 October 2009: Coastal Hazards – Tra Vinh Focus**

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| 8.30-8.45   | <p><b>Welcome, Opening Address, Goals and Structure of the Meeting</b><br/>Dr. Joern Birkmann (UNU-EHS)<br/>Dr. Tran Thanh Be (Director MDI, CTU)</p>    |
| 8.45-9.00   | <p><b>The WISDOM Project and its Component on Vulnerability Assessment</b><br/>Mr. Matthias Garschagen (UNU-EHS)</p>                                     |
| 9.00-9.30   | <p><b>Vulnerability Assessment to Natural Hazards: A Conceptual Framework and its Application</b><br/>Dr. Joern Birkmann (UNU-EHS)</p>                   |
| 9.30-10.00  | <p><b>Water Related Problems and Adaptive Solutions in Coastal Mekong</b><br/>Dr. Dan Kieu Nhan (MDI)</p>  |
| 10.00-10.20 | <p><b>Coffee break</b></p>   |
| 10.20-10.40 | <p><b>Provincial Strategies for Natural Disaster Prevention, Response, and Mitigation in Tra Vinh</b><br/>DARD - Tra Vinh</p>                            |
| 10.40-11.00 | <p><b>Vulnerability Assessment and Adaptation to Natural Hazards in Coastal Mekong Delta: Research Questions</b><br/>Nguyen Thanh Binh (MDI/UNU-EHS)</p> |
| 11.00-11.30 | <p><b>Discussion: Hotspots of Vulnerability and Risk in Tra Vinh and Tra Cu</b></p>  |
| 11.30-13.00 | <p><b>Lunch break</b></p>  |
| 13.00-14.30 | <p><b>Discussion: Coping and Adaptation Strategies to Water-Related Hazards: Lessons Learned from the Past for Future Options</b></p>                    |
| 14.30-14.50 | <p><b>Coffee Break</b></p>   |
| 14.50-16:00 | <p><b>Discussion: Development of Local-Level Indicators for Measuring Vulnerability and Adaptive Capacity to Water-Related Hazards</b></p>               |

## **Key Questions to be Addressed in the Meeting:**

- Which areas, groups and sectors are most vulnerable to current water-related hazards in Can Tho City and Tra Vinh? Why?
- Which places, groups and sectors are expected to be most exposed and most at risk in view of future climate change related hazards?
- Which data-needs do exist for assessing those risks and which data sets would be recommended to be developed in collaboration with WISDOM in future?
- How resilient are new developments in Can Tho City (e.g. Tra Noc Industrial Park, new residential areas in Hung Phu) to current and future water-related hazards?
- What protection measures do exist or are planned for those new developments?
- What are possible adaptation paradigms and measures with respect to intensifying water-related hazards?
- What are advantages and disadvantages of different adaptation strategies?
- How feasible are different adaptation strategies with respect to physical implementation as well as socio-cultural acceptance and economic cost-benefit analysis (e.g. resettlement from exposed areas vs. physical protection infrastructure such as dyke systems)?
- What influence does land-use-planning and urban master-planning have on creating and mitigating exposure and vulnerability to climate change related hazards?
- In how far do current disaster risk management structures and processes have to be expanded or changed in view of increasing climate change related risks (e.g. evacuation sites, financial support schemes, social security networks, early warning systems, insurance schemes)?
- How does climate change adaptation rank in terms of priority in comparison to other urban development issues such as the development of transportation infrastructure, poverty alleviation, sanitation, industrial development etc.?