

Sino-German-Workshop – December 2010 - Munich
Comparing Strategies of Sustainable Water and Land
Management in Germany and China due to Climate Change

Veranstaltungsbeginn	8. Dezember 2010, 08:30 Uhr – 18:00 Uhr
Veranstaltungsende	9. Dezember 2010, 09:00 Uhr – 18:00 Uhr
SuMaRiO-Vorbesprechung (nur deutsche Teilnehmer)	10. Dezember, 09:00 Uhr – 12:00 Uhr
Exkursion Aueninstitut und Citytour Regensburg (nur chinesische Teilnehmer)	10. Dezember, 09:00 – 18:00 Uhr
Exkursion Zugspitze (chinesische Teilnehmer und angemeldete deutsche Teilnehmer)	11. Dezember, 09:00 – 18:00 Uhr
Veranstaltungsort	Universität der Bundeswehr München

Deutsche Vortragende (mit Reisekostenerstattung)

- 1) Markus Disse
- 2) Bernd Cyffka
- 3) Reiner Doluschitz
- 4) Manfred F. Buchroithner
- 5) Joachim Muller
- 6) Zbigniew Kundzewicz
- 7) Valentina Krysanova
- 8) Joachim Wachter
- 9) Bruno Merz
- 10) Karl Stahr
- 11) Joachim Hill
- 12) Frank Thomas
- 13) Niels Thevs
- 14) Birgit Kleinschmitt
- 15) Martin Welp
- 16) Michael Ahlheim
- 17) Lorenz King
- 18) Thomas Scholten
- 19) Klaus Fraedrich
- 20) Richard Blender
- 21) Tobias Bolch

Preliminary Workshop Program (December 08-09, 2010)

December 08

8:30 - 10:00	Welcome and Opening Ceremony Keynote speeches Introduction of Participants
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10:00 - 12:00

13:30 - 16:30

**Topic 1: Impacts of climate change on the hydrological cycle, water resources, and water availability
(15 in for each presentation, 5 min for discussion)**

1. Prof. Dr. Ren Guoyu

Topic: A preliminary mapped summary of Holocene pollen data for Northeast China

2. Prof. Dr. Chen Xi

Topic: Landuse Change and its ecological effects in the Tarim Basin in recent 50 years

3. Prof. Dr. Shen Yongping

Topic: Variation Characteristics of glaciers' snowmelt runoff in western China under climate change

4. Prof. Dr. Su Buda

Topic: Simulation and characteristics of change of runoff in the Tarim River Basin in the future

5. Dr. Marco Gemmer

Topic: The applicability of European adaptation policies of climate change in the Tarim River Basin

6. Dr. Zhai Jianqing

Topic: Analysis about characteristics of dryness and wetness in Xinjiang under climate change

7. Prof. Dr. Markus Disse

Topic: Adaptation Strategies to Climate Change: Development of a Decision Support System for Water Management

8. Prof. Dr. Zbigniew Kundzewics

Topic: Characteristics of runoff about Elbe river basin in Germany

9. Prof. Dr. Valentina Krysanova

Topic: Climatic Hazards in Germany in the future

10. Prof. Dr. Manfred Buchroithner

Topic: Glacier Changes in High Asia

11. Prof. Dr. Bruno Merz

Topic: Detection and attribution of changes in flood risk

12. Dr. Joachim Waechter

Topic: Disaster research and management in Xinjiang

13. Prof. Dr. Joachim Hill

Topic: Using satellite observations for RUE-based assessments of desertification-threatened dry lands

14. Dr. Tobias Bolch

Topic: Glacier inventory for BC in Germany

16:30 - 18:00

**Topic 2: Water-related vulnerability and climate change adaptation methods in Agriculture
(15 min for each presentation, 5 min for discussion)**

15. Prof. Dr. Chen Yaning

Topic: Climate change and water resources utilization in Tarim River basin

16. Prof. Dr. Zhou Shudong

Topic: Predict about the agricultural yield in western China under Climate change

17. Prof. Dr. Hamid Yimit

Topic: Analysis of Characteristics of landscape pattern in the middle reaches of Tarim River basin based on the 3S technology

18. Prof. Dr. Liu Shiyin

Topic: Response of Glacier to climate change in western China

29. Prof. Dr. Wu, L.

Topic: Vulnerability analysis of groundwater resources in Xinjiang province

20. Dr. Li Weihong

Topic: The effects of groundwater level on vegetation in Tarim downstream

21. Prof. Dr. Duishen Mamatkanov

Topic: The effects of groundwater level on vegetation in Tarim downstream

December 09

8:30 - 10:00

22. Prof. Dr. Stefan Becker

Topic: The effects of climate change on water resources in Western of China

23. Prof. Dr. Reiner Doluschitz

Topic: Socio-Economic Analysis of Agricultural Systems in Germany

24. Prof. Dr. Karl Stahr

Topic: Regionalization of soil salinity and modelling of matter fluxes in the oasis of the Tarim basin

25. Prof. Dr. Joachim Müller

Topic: Agriculture changes in Elbe River basin

26. Prof. Dr. Lorenz King

Topic: Challenges of land use and water management under climate change in Germany

27. Prof. Dr. Thomas Scholten

Topic: Research on soil conservation and erosion for sustainable development

10:00 - 12:00

13:30 - 15:00

Topic 3: Water-related vulnerability and climate change adaptation methods on Forests (15 min for each presentation, 10 min for discussion)

28. Prof. Dr. Liu Zhihui

Topic: Climate change and landuse of Tarim River Basin

29. Prof. Wang Sunde

Topic: Changes of Climate and hydrology and its impact in Tarim River Basin in the past 40years

30. Prof. Zhang Jiangan

Topic: Surface Runoff Processes and Water Consumption Analysis of Oases for Aksu River

31. Prof. Dr. Bolot Moldobekov

Topic: Change characteristics of glacier under climate change in China

32. PhD Student Li Xiucang

Topic: Comparison of characteristics about climate change based on multi-model in large river basins of Central Asia

33. Prof. Dr. Bernd Cyffka

Topic: Ecosystem Services and Management of Riparian Forests

34. Dr. Niels Thevs

Topic: Land use and cotton agriculture at the Tarim River

35. Prof. Dr. Frank Thomas

Topic: Productivity and water relations of woody plant species in the transition zone between river oases and desert in the Tarim Basin

36. Prof. Dr. Klaus Fraedrich

Topic: Dynamical concepts for global climate change

37. Prof. Dr. Richard Blendar

Topic: Iceland climate and North Atlantic cyclones in ERA40 reanalysis

15:30 - 18:00

Topic 4: Socio-economic impacts and adaptation of climate change (15 min for each presentation, 10 min for discussion)

38. Prof. Dr. Zhao Chengyi

Topic: The change of soil salinity process in Tarim Basin oasis

39. Prof. Dr. Liu Wenjiang

Topic: Traditional knowledge and arid environment's management

40. PhD Student Yin Yizhou

Topic: Analysis of losses of natural disasters under climate change in Xinjiang

41. Prof. Dr. Michael Ahlheim

Topic: Assessing the welfare effects of climate change

42. Prof. Dr. Martin Welp

Topic: Climate Change during past fifty years in Germany

43. Prof. Dr. Li Jun

Topic: Spatial patterns of desert annuals in relation to shrub effects on soil moisture.

44. Prof. Dr. Birgit Kleinschmitt

Topic: Analysis of Riparian Forests with Satellite Data and Terrestrial Samples

45. Master Thomas Fischer

Topic: Adaptation countermeasures to climate disaster in Xinjiang

18:00-19:00

Final Discussion