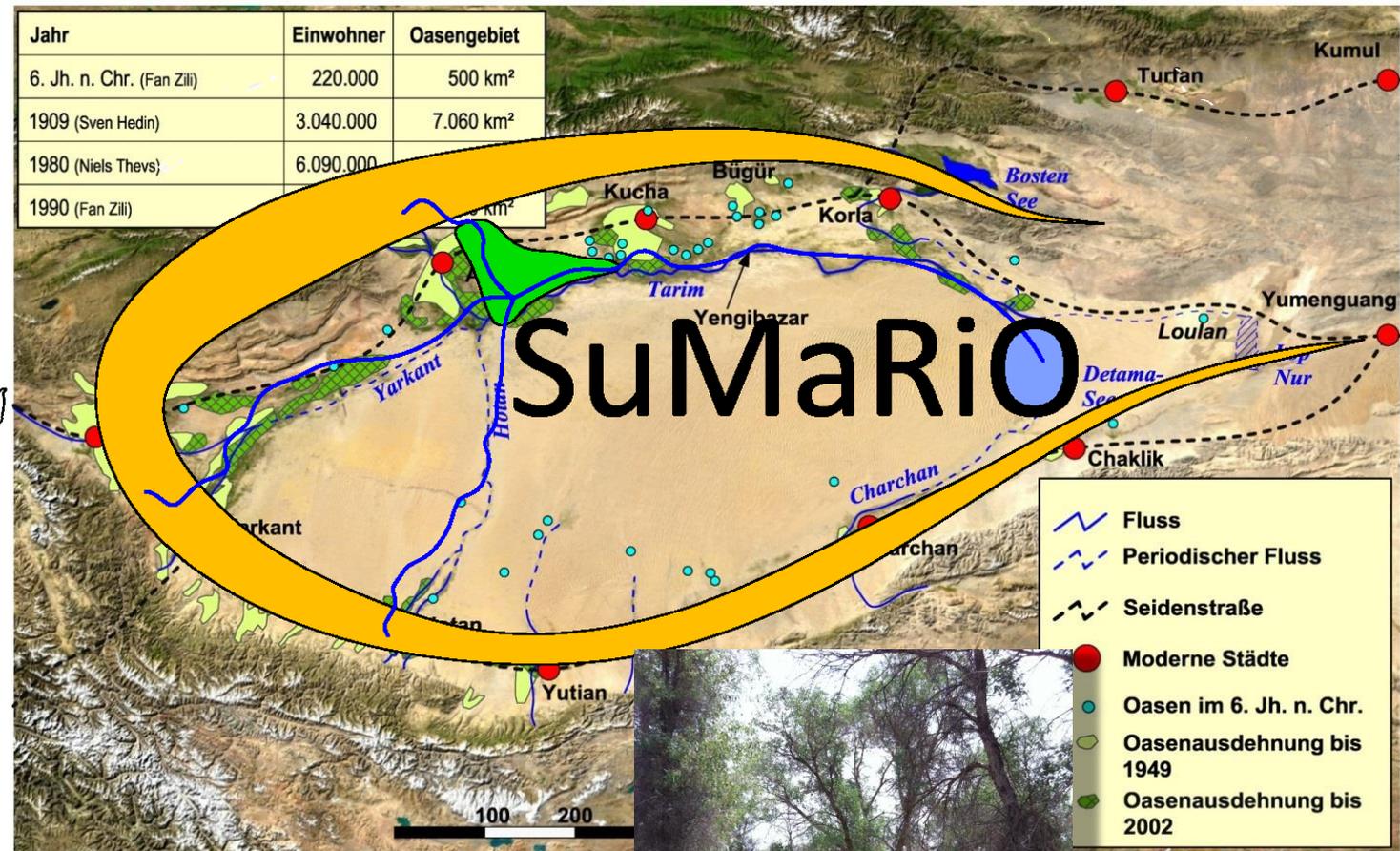


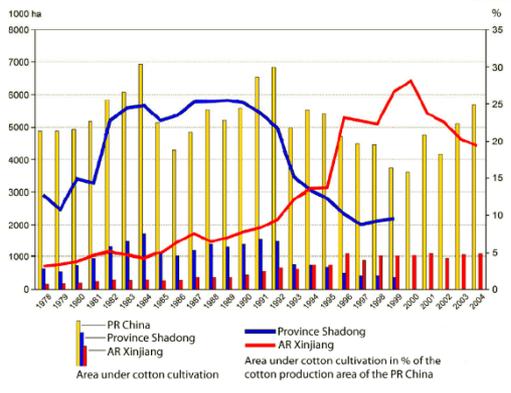
Jahr	Einwohner	Oasengebiet
6. Jh. n. Chr. (Fan Zili)	220.000	500 km ²
1909 (Sven Hedin)	3.040.000	7.060 km ²
1980 (Niels Thevs)	6.090.000	
1990 (Fan Zili)		



Munich, 10th of December, 2015



- Fluss
- Periodischer Fluss
- Seidenstraße
- Moderne Städte
- Oasen im 6. Jh. n. Chr.
- Oasenausdehnung bis 1949
- Oasenausdehnung bis 2002



The Sino-German project **SuMaRiO** is funded by the Federal Ministry of Education and Research in the Funding-Measure „Sustainable Land Management - GLUES“.

A »INTERACTIONS BETWEEN LAND MANAGEMENT, CLIMATE CHANGE AND ECOSYSTEM SERVICES«
MODULE

The SuMaRiO consortium comprises **eleven German** and **nine Chinese** Universities and Research Institutions and various **Chinese Stakeholders**



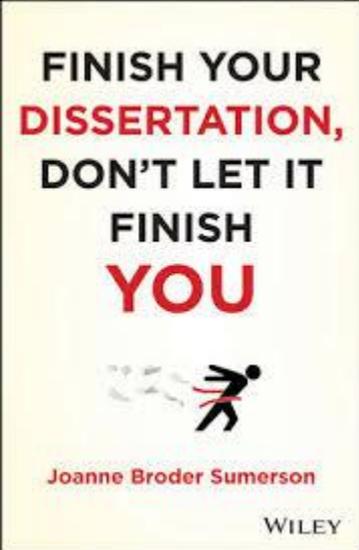
The scientific objectives of SuMaRiO are:

- Impact of climate change on water availability
- Interlinkages between oasis management and ecosystem services
- Evaluation of high-input and alternative land use
- Introducing transdisciplinary research by stakeholder participation
- Installation of a Decision Support System for supporting sustainable land management



Products of SuMaRiO

Decision Support System for Sustainable Land and Water Management (first usage in the 13th Five-year plan)



- **Workshops and conferences:** 25
- **Publications:**
 - Peer reviewed journals: > 60
 - Other reviewed journals: > 100
 - Proceedings: > 50
 - Books: 2
- **PhD students:**

finished:	<u>China</u> : 2	<u>Germany</u> : 5
current:	<u>China</u> : 15	<u>Germany</u> : 20
- **PostDocs:**

<u>China</u> : 2	<u>Germany</u> : 7
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- **Visiting scholars (more 3 months stay):**

<u>to China</u> : 2	<u>to Germany</u> : 8
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- **Persons involved in IPCC AR5 WG-II report:** 3
- **DFG / NSFC funded Cooperation Group started 2014**
IWRM – From Modeling to Adaptation

Thank you for your attention!

SuMaRiO Partner



Sponsored by the:



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