

AGEP Winter School: The Nexus of Water, Energy, Soil and Food

A special focus in development policies is the so-called nexus approach. This approach is based on the idea, that most – if not all – sectors of human development are interlinked in a more or less structured way. Looking on the nexus approach in a scientific way we refer to the classic Latin meaning of “the act of binding together” and we focus on either similarities or differences by comparing and assessing those sectors. By using the nexus approach scientists try to bundle similarities between the sectors and bringing together different perspectives and standpoints. In this special context of development the workshop aims on bringing together different perspectives on the three sectors of water security, energy security and food security, which are inextricably linked by natural and socio-economic means. This translates into the understanding, that actions in one area more often than not have impacts in one or both of the other areas. This basic understanding opens the floor for discussion and exchange of ideas between the participants, which are mostly students of various DAAD-AGEP study programs, dealing with the management of natural resources, water, energy and food.

The workshop is screened on the website of the institute: www.gsi-bonn.de. Please register via e-mail to Ms. Cordula Benfarji (c.benfarji@gsi-bonn.de).

15. - 17.02.2017 in **Bonn**

Gustav-Stresemann-Institute e.V., Langer Grabenweg 68, 53175 Bonn

Specific objectives of the workshop

Overall topic of the workshop is the scientific coverage of the so-called water, energy and food nexus by an interdisciplinary approach. With this interdisciplinary approach the interlinkages, similarities but also differences of the mentioned three sectors, new insights and different perspectives will be achieved and a deeper understanding will be created. Another focus lies on the network benefits of this workshop, which arise when students, scholars and interested people will collaborate in such a cross-cutting scientific topic and will take into consideration the different perspectives of the “global north” and the “global south”.

Program Seminar 5 / 272 / 17

Wednesday, 15th of February 2017

bis 11.00	Arrival of the participants and Welcome with coffee & tea
11.15-12.45	Introduction into the workshop Explanation of the methodological approach, short tour of introductions and expectations by the participants <i>Dr. Meik Nowak, GSI Bonn</i> <i>Robin Pass, AGEP Network Coordinator</i>
12.45	Lunch
14.00-16.15	Internal Lecture I: „Climate Change and Water Scarcity“ <i>Prof. Dr. Christof Schüth, Lecturer Tropical Hydrogeology and Environmental Engineering – TropHEE, University of Darmstadt</i>
16.15-16.45	Coffee Break
16.45-18.15	Open Space Session Input by 6 students of the ARTS program and 6 students of the ITT in regard to their field research trip to Iran on issues of water and food
18.30	Dinner
19.30-20.30	External Lecture I: “Project financing - the special characteristics of the Water-Energy-Food Nexus for the design und funding of development projects” <i>Dr. Meik Nowak, GSI/ Sabine Wege, Phillips Universität Marburg</i>

Thursday, 16th of February 2017

9.30-11.00	Internal Lecture II: „Water-Energy-Security-Nexus“ <i>Prof. Dr. Lars Ribbe, Director ITT, Integrated Land and Water Resources Management in the Tropics and Subtropics, TH Köln</i>
11.00-12.30	Open Space Session Reflections and considerations of the input lectures in the Open Space-format by using Energizers and other activation techniques
12.30	Lunch
13.30-15.30	Open Space Session Reflections and considerations of the input lectures in the Open Space-format by using Energizer and other activation techniques
15.30-16.00	Coffee Break
16.00-18.15	External Lecture II : “The role of the Water-Energy-Food Nexus in the context of climate adaptation and mitigation” <i>N.N., GIZ</i>
18.30	Dinner
19.00-20.00	Open Space Session Reflections and considerations of the input lectures in the Open Space-format by using Energizer and other activation techniques

Friday, 17th of February 2017

8.45	Departure at the GSI for a short walk to the Tulpenfeld (former Government Quarter)
9.30-11.00	External Lecture at the DIE-GDI (German Development Institute) “Trade-offs, synergies and interdependencies: understanding SDG interactions in rural Sumatra, Indonesia” <i>Dr. Jonas Hein, Researcher, Department of Environmental Policy and Natural Resources Management at the German Development Institute (DIE-GDI)</i>
12.00	Lunch
13.00-14.30	Internal Lecture III: “Global Food Security” <i>Prof. Dr. Mathias Becker, Course Director “Agricultural Sciences and Resource Management in the Tropics and Subtropics (ARTS)”, University of Bonn</i>
14.30-16.00	Final Plenary Session – the Water-Energy-Food Nexus from an interdisciplinary perspective <i>Panel Discussion with delegates from the working groups and the three internal lecturers</i>
afterwards	End of the workshop and departure of the participants

Informations:

Facilitator:	<i>Dr. Meik Nowak</i> Gustav-Stresemann-Institut e.V. (GSI), Langer Grabenweg 68, 53175 Bonn Tel.: (+49) 0228 / 8107-194, m.nowak@gsi-bonn.de
Administration:	<i>Cordula Benfarji, GSI</i> Tel.: (+49) 0228 / 8107 172, c.benfarji@gsi-bonn.de
Attendance Fee:	The workshop attendance fee is 60,00 € p.P. (35,00 € for participants who do not sleep in the GSI and therefore have also no breakfast included). The fee covers the cost of the programme, accomodation in double rooms (The Institute has a three star superior hotel quality) and meals (Breakfast, Lunch, Dinner and Coffe & Tea Breaks).
Stand:	1.2.2017/mn; Changes may occur.