

Teaching Incubator, October 16-18, 2017

## Workshop: “Sustainability in Teaching”

### Abstract:

In a globalizing world of limited resources and unlimited ingenuity, universities play a vital role in preparing students to meet the sustainability challenges of the future. Across disciplines, teaching and learning require not only the application of new research findings, but also new didactic and methodological approaches.

The Teaching Incubator of the University Alliance for Sustainability brings together senior and junior lecturers as well as administrative staff responsible for curriculum development so that they can share their experiences with integrating Education for Sustainable Development (ESD) into their university teaching.

Participants will:

- Visit various teaching and learning spaces at Freie Universität and receive input from practitioners,
- Share best practices, methods, and projects from their home institutions,
- Discuss the approaches and conditions necessary to successfully integrate ESD into their respective teaching (and research) environments,
- Draft a concept for an online resource containing the most important findings from the workshop, including an appendix showcasing the best practices from all UAS partner universities.

This online resource will then be distributed in the UAS network and beyond. An e-learning resource might also be developed for faculty from all partner universities.

Comments and suggestions for the program are most welcome.

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**Monday 16 October 2017 • Unit for Sustainability and Energy Management,  
Freie Universität Berlin**

Chair: Prof. Brigitta Schütt, Freie Universität Berlin

<i>Time</i>	<i>Topic</i>
9:00am	<p><b>Welcome and Introductory Round</b></p> <p>Prof. Brigitta Schütt, Vice President for Sustainability in Research and Teaching, Freie Universität Berlin: Welcome Address</p> <p>Prof. Inka Bormann, Division of General Education, FUB: Education for Sustainable Development in Higher Education. Five central questions.</p>
10:00am	<p><b>FUB Walk to Learning and Teaching Spaces</b></p> <p>Prof. Dr. Petra Skiebe-Corrette, Institute of Chemistry and Biochemistry - Inorganic Chemistry, FUB: Hands-on teachers training in the framework of a collaborative and experimental lab “NatLab”</p> <p>After initial input from Prof. Dr. Petra Skiebe-Corrette on the concept, methods, and applications of NatLab, we will experience this teaching concept first-hand.</p>
12:00 pm	<p><b>Lunch, Harnack Haus</b></p>
02:00 pm	<p><b>Input talks from participants</b></p> <p>Prof. Yitzhak Hadar, Department of Plant Pathology and Microbiology and Dr. Amit Tubi, Department of Geography, HUJI: Advancing a broader understanding of environmental research and applications: crossing the discipline boundaries</p> <p>Prof. Nikolai Bobilev, Department of Ecological Safety &amp; Sustainable Development of Regions, SPBU: Modernization of the MS Environmental Management Program curriculum at SPBU in the context of MS Sustainability Educational Programs of the world's leading universities</p> <p>Prof. Nina Kolleck, Department for Educational Research and Social Systems, FUB: The power of social networks: How bureaucracies shape Climate Change Education in the UNFCCC</p>
03:30 pm	<p>Coffee Break</p>
04:00 pm	<p><b>Input talks from participants (continued)</b></p> <p>Dr. Clemens Mader, Sustainability Team, UZH (Adobe Connect Session): Professional Training for Education for Sustainable Development. Learnings from an European wide study among universities and a case from University of Zurich, Switzerland</p>

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	Prof. Itay Fishhendler, Department of Geography, HUJI and Chris Kotzé, M.A. student Environmental Policy and Planning, FUB: Report from the Research Project "Shifting Renewable Energy Targets"
5:30pm	<b>Discussion</b>
6:30pm	<b>Dinner Luise Dahlem</b>

**Tuesday, 17 October 2017 • Unit for Sustainability and Energy Management,  
Freie Universität Berlin**

Chair: Prof. Brigitta Schütt, Freie Universität Berlin

<i>Time</i>	<i>Topic</i>
9:00 am	<b>Methods in Teaching</b> Dr. Mandy Singer-Brodowski, Global Action Programme on ESD, Institute Future, FUB: Transformative Learning as an approach for university courses in the context of ESD? Prof. Brigitta Schütt, Physical Geography, FUB: Research-oriented teaching in Physical Geography
10:30 am	Coffee Break
11:00 am	<b>Embedding ESD in Teaching</b> Dr. Andrea Kölbel, Anthropogeography, FUB: Shaping sustainability discourses through academic writing Prof. David Tindall, Department of Sociology, UBC: Employing the social network paradigm in teaching about sustainability Dr. Julia Kaazke, Unit for Sustainability, FUB: The new competence area "Sustainable Development" in the general professional skills courses
12:30 pm	Lunch Eßkultur
02:00 pm – 3:00 pm	<b>Embedding ESD in Teaching</b> Dr. Will Valley, Academic Director, Land, Food, & Community Series, Faculty of Land and Food Systems, UBC: Exploring the Role and Value of Epistemic and Ontological Cognitive Development for ESD Karola Braun-Wanke, Environmental Policy Research Center, FUB: The green UniGarden as a place of garden based learning

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3:30-5:30pm	<p><b>Learning and Teaching at Outdoor Learning Spaces at FUB</b></p> <p>Short walk to the Botanical Garden: Visit of the Pyrolysis Plant and UniGarden@SustainIt!</p> <p>Tom Dragheim, student and member of Initiative SUSTAIN IT will give us a tour of the garden. Anne Sophie of Sevengardens will provide more insights into the hands-on workshop concepts of the Schools@University for Sustainability + Climate Protection and will offer a short activity with locally grown dye plants.</p> <p>Dr. Bianca Schemel, Working Group Geoecology, FUB: Introduction of a new Living Lab Project in the Botanical Garden regarding the production of vegetable carbon for climate friendly green space management (working title)</p>
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**Wednesday, 18 October 2017 • Unit for Sustainability and Energy Management, Freie Universität Berlin**

Chair: Caroline Paulick-Thiel, nextlearning and Katrin Risch, Freie Universität Berlin

<i>Time</i>	<i>Topic</i>
9:00 am	<p><b>Sustainability in Teaching Online Resource</b></p> <p>Bettina Münch-Epple, WWF: Climate Change, Risks and Challenges: A Massive Open Online Course (MOOC) (working title)</p> <p>Dr. Bianca Schemel, FUB: Knowledge sharing on ESD shaping competence, methods and best- practice (working title)</p>
10:30 am	Coffee Break
11:00 am	<p><b>Sustainability in Teaching Online Resource (continued)</b></p> <p>Facilitated Discussion:</p> <ul style="list-style-type: none"> <li>- Discussion of questions about designing, and following-up on drafting a concept for an online resource containing information, methods and best practices from all UAS partners on how to integrate sustainability into HEI teaching.</li> <li>- The project will be coordinated by the FUB team</li> <li>- Contributors agree on the design, content, and time frame</li> </ul>
13:00 pm	Lunch and Farewell