



An excellent session full of intensive courses,
excursions and intercultural meetings

Theme: Environment and Climate Change

Participants: 20 – 25 students from FH Bingen and partner institutions

Lecturers: Teachers from FH Bingen and partner universities

Courses: From 9.00 – 12.30 and 14.00 – 15.30

Language: English

Certificate: 3-6 ECTS for the whole course

Costs: Free for the participants,
Free accommodation will be arranged for the students

Programme

Wednesday, 3 June

- Arrival of the participants,
- Welcome and information for the participants

Thursday, 4 June

9.00-12.30:

- *Basics of meteorology (Prof. Dr. Ulrich Glinka)*

14.00:

- Presentation of partner universities of FH Bingen

16.00: Guided visit to places of interest in Bingen town

19.00: International dinner buffet

Friday, 5 June

9:00 -15.30: Lectures on climate change and nature protection:

- *Geology and the history of climate change (Prof. Dr. Matthias Paetzel)*
- *Challenges to nature conservation in Germany (Prof. Dr. Elke Hietel)*
- *Nature conservation and fjord heritage of Norway (N.N.)*

Saturday, 6 June

9.00-12.00: Solutions:

- *The end of fossil fuels and the dawn of renewable energies (Prof. Dr. Thomas Eickhoff)*
- *"It's all solar: Wind energy" (Prof. Dr. Thomas Eickhoff)*

Weekend Program

Situated at the gateway to the Romantic Rhine (World Heritage listed) in the middle of the four winegrowing regions of Rheinhessen, Nahe, Rheingau and Middle Rhine and with its historical sites, Bingen is an attractive destination to be explored.

Saturday, 6 June

- Afternoon/evening: Wine tasting experience
A winemaker will guide you through the vineyards, explaining how grapes are grown and wine is made, including of course wine tasting.

Sunday, 7 June

- Rhine river cruise to experience the Unesco World Heritage "Upper Middle-Rhine Valley" around castles and the Loreley.
- Discussion with officials of the site

Monday, 8 June

9.00 – 12.00:

- *"It's all solar: Photovoltaic energy" (Prof. Dr. Thomas Eickhoff)*

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- *The Kyoto Protocol in practice: The European and United Nations Emission Trading Schemes (EU-ETS and UN-ETS) (Prof. Dr. Günter Schock)*
- 14.00-15.30: Further lectures from colleagues of the partner universities to be confirmed

Evening: "Backyard astronomy: What's up in the night sky today?"

Tuesday, 9 June

9:00 – 12.30:

- *Lecture: Fundamentals in image processing and environmental applications (Prof. Hélène Laurent, Bourges)*
- Further lectures from colleagues of the partner universities to be confirmed

Wednesday, 10 June

9.00-12.30:

- *Lecture: The role of the law in environmental protection (Prof. Dr. Gerhard Roller)*

14.00-17.00:

- Environmental management in practice: Visit of an industrial site (Boehringer, Ingelheim, one of the most important chemical factories in Germany).

Thursday, 11 June (Bank holiday in Rheinland-Pfalz)

- Morning: Visiting popular sites in the surrounding areas or exploring the "Historical museum on the river – Hildegard von Bingen" (optional)
- Afternoon: Free time for the participants. Opportunity to prepare a presentation for Friday

Friday, 12 June

9.00-12.00:

- Short presentations from the participants (chosen from amongst the subjects on which the lectures or site-visits have been based). The lecturers will propose subjects to the participants.

14.00-17.00:

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- Distribution of certificates (transcript of records)

19:00: Closing dinner

Extension of the stay over the weekend (optional).