

Modules of the 48th UNEP/UNESCO/BMUV International Postgraduate Course on Environmental Management for Developing Countries (EM48)

AQUA (basic qualifications)

Basic activities

Waste Management, Circular Economy & Resource Efficiency

Sustainable Urban & Regional Development

Water & Atmosphere

Renewable Energy & Energy Efficiency

Soil & Land Resources

Conservation & Restoration Ecology

Natural Resource Governance

Climate Change

Science Policy Interface

	6-Jan	7-Jan	8-Jan	9-Jan	10-Jan	11-Jan
JANUARY	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15				ARRIVAL	ARRIVAL	
10:30-12.00				ARRIVAL	ARRIVAL	
13:00-14:30				ARRIVAL	ARRIVAL	
15:00-16:30				ARRIVAL	ARRIVAL	

	13-Jan	14-Jan	15-Jan	16-Jan	17-Jan	18-Jan
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	ARRIVAL	ARRIVAL	ARRIVAL	Preparing to Opening Ceremony	Dr Patricia Gallo / Ms Dominique Schmachtel CIPSEM Introduction to Course Program and Neo training	
10:30-12:00	ARRIVAL	ARRIVAL	ARRIVAL	OPENING CEREMONY	Dr Patricia Gallo / Ms Dominique Schmachtel CIPSEM Introduction to Course Program and Neo training	
13:00-14:30	ARRIVAL	ARRIVAL	ARRIVAL	SELF-STUDY TIME - Country Report	Dr Anna Görner CIPSEM Getting a sense of space and time - Germany, Dresden and the TUD	
15:00-16:30	ARRIVAL	ARRIVAL	ARRIVAL	SELF-STUDY TIME - Country Report	Dr Anna Görner CIPSEM Getting a sense of space and time - Germany, Dresden and the TUD	
				House warming PARTY 5 pm		

	20-Jan	21-Jan	22-Jan	23-Jan	24-Jan	25-Jan
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Dr Anna Görner CIPSEM Getting a sense of space and time - Germany, Dresden and the TUD	Dr Patricia Gallo / Ms Dominique Schmachtel CIPSEM Networking	Country Report Farhat (Pakistan), Okan (Türkiye) 20-25 min presentation + 15 discussion	Dr Patricia Gallo / Ms Dominique Schmachtel CIPSEM Final Paper Workshop	Dr Patricia Gallo / Ms Dominique Schmachtel CIPSEM Final Paper Workshop	
10:30-12:00	CAMPUS TOUR and surroundings	Dr Patricia Gallo / Ms Dominique Schmachtel CIPSEM Networking	Country Report Samuel (Ghana), Fadumo (Somalia) 20-25 min presentation + 15 discussion	Dr Patricia Gallo / Ms Dominique Schmachtel CIPSEM Final Paper Workshop	Dr Patricia Gallo / Ms Dominique Schmachtel CIPSEM Final Paper Workshop	
	LUNCH AT BIG MENSA					
13:00-14:30	SELF-STUDY TIME - Country Report	Country Report Clarence (Liberia), Ana (Georgia) 20-25 min presentation + 15 discussion	Country Report Jill (Kenya), Liza (Saint Lucia) 20-25 min presentation + 15 discussion	Country Report Javel (Jamaica), Anushka (Sri Lanka) 20-25 min presentation + 15 discussion	Ms Petra Gürtler Guided Dresden Tour	
15:00-16:30	SELF-STUDY TIME - Country Report	Country Report Junli (China), Adiyasuren (Mongolia) 20-25 min presentation + 15 discussion	Country Report Glory (Tanzania), Yannet (Peru) 20-25 min presentation + 15 discussion	Country Report Ahmed (Nigeria), Monika (Namibia) 20-25 min presentation + 15 discussion	Ms Petra Gürtler Guided Dresden Tour	

	27-Jan	28-Jan	29-Jan	30-Jan	31-Jan	1-Feb
FEBRUARY	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	SLUB FACILITIES TOUR	Country Report Alfian (Indonesia), Sundar (Nepal) 20-25 min presentation + 15 discussion	RENAC Introduction to Energy Online/ self-study time	Dr Anna Görner/Ms Dominique Schmachtel CIPSEM Group Dynamics, motivating people	Dr Patricia Gallo CIPSEM Six Americas - Role Play	
10:30-12:00	SLUB FACILITIES TOUR	Country Report Matheus (Brazil), Pontien (Cameroon) 20-25 min presentation + 15 discussion	Country Report Alejandra (Colombia) 20-25 min presentation + 15 discussion	Dr Anna Görner/Ms Dominique Schmachtel CIPSEM Group Dynamics, motivating people	Dr Patricia Gallo CIPSEM Six Americas - Role Play	
13:00-14:30	RENAC Introduction to Energy Online/ self-study time	RENAC Introduction to Energy Online/ self-study time	RENAC Introduction to Energy Online/ self-study time	Dr Anna Görner/Ms Dominique Schmachtel CIPSEM Group Dynamics, motivating people	SELF-STUDY TIME Concept Note - Project Research Idea	PANOMETER Start: 12:00
15:00-16:30	RENAC Introduction to Energy Online/ self-study time	RENAC Introduction to Energy Online/ self-study time	RENAC Introduction to Energy Online/ self-study time	Dr Anna Görner/Ms Dominique Schmachtel CIPSEM Group Dynamics, motivating people	GERMAN CLASS	
					Upload Research Idea - "Concept Note"	

	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Dr Arig Bakhiet Development , Energy and Climate Change Specialist Project Management	Dr Arig Bakhiet Development , Energy and Climate Change Specialist Research Conceptualization	Dr Patricia Gallo CIPSEM Stakeholder Engagement	Mr Dirk Lohmann Workshop on Teamwork and team building	RENAC Introduction to Solar Resource Online/ self-study time	
10:30-12.00	Dr Arig Bakhiet Development , Energy and Climate Change Specialist Project Management	Dr Arig Bakhiet Development, Energy and Climate Change Specialist Research Conceptualization	Dr Patricia Gallo CIPSEM Stakeholder Engagement - Group Work	Mr Dirk Lohmann Workshop on Teamwork and team building	RENAC Introduction to Solar Resource Online/ self-study time	
13:00-14:30	Dr Arig Bakhiet Development , Energy and Climate Change Specialist Project Management	Dr Arig Bakhiet Development , Energy and Climate Change Specialist Research Conceptualization	Dr. Emilienne Tingwey RENAC Introduction to Energy ZOOM	Mr Dirk Lohmann Workshop on Teamwork and team building	Dr Patricia Gallo CIPSEM Final Paper Extended Outline	
15:00-16:30	Dr Arig Bakhiet Development , Energy and Climate Change Specialist Project Management	Dr Arig Bakhiet Development , Energy and Climate Change Specialist Research Conceptualization	RENAC Introduction to Solar Resource Online/ self-study time	Mr Dirk Lohmann Workshop on Teamwork and team building	GERMAN CLASS	
			FP "Bazaar" with Advirsors - Zoom 13:00			

	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Dr François Jost European Citizen Science Association Research Design	Dr Mariana Vidal BluoVerda Deutschland e.V. Nature-based Solutions (NbS)	Dr Markus Egermann IOER Building up transformative capacities to transform urban systems	Ms Netra Naik CIPSEM Blog writing & Video making - tips and good practices online Zoom	RENAC Introduction to Wind Resource Online/ self-study time	
10:30-12.00	Dr François Jost European Citizen Science Association Research Design	Dr Mariana Vidal BluoVerda Deutschland e.V. Nature-based Solutions (NbS)	Dr Markus Egermann IOER Building up transformative capacities to transform urban systems	RENAC Introduction to Wind Resource Online/ self-study time	Mr Raghid Shehayeb Dresden Leibniz Graduate School Urban green infrastructure and ecosystem service for climate adaptation	
13:00-14:30	Dr François Jost European Citizen Science Association Research Design	Dr Mariana Vidal BluoVerda Deutschland e.V. Ecosystem-based Adaptation (EbA)	Ms Stefanie Rößler IOER Urban Green Infrastructure	ABCD Center Dr Firas Aljanabi Global Water and Climate Adaptation Centre - TU Dresden	RENAC Introduction to Wind Resource Online/ self-study time	
15:00-16:30	RENAC Introduction to Wind Resource Online/ self-study time	Dr Mariana Vidal BluoVerda Deutschland e.V. Ecosystem-based Adaptation (EbA)	RENAC Introduction to Wind Resource Online/ self-study time	RENAC Introduction to Wind Resource Online/ self-study time	GERMAN CLASS	

Winter Ferien	17-Feb	18-Feb	19-Feb	20-Feb	21-Feb	22-Feb
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Ms Fernanda Martinelli ZEF - University of Bonn Global Agendas for Sustainable Development	Ms Fernanda Martinelli ZEF - University of Bonn Planetary Boundaries	Dr Anna Görner CIPSEM Data Visualisation	Ms Carly Crane Independent educator Scientific Structure & Writing	Ms Carly Crane Independent educator Scientific Structure & Writing	
10:30-12.00	Ms Fernanda Martinelli ZEF - University of Bonn Metrics for Sustainable Development	Ms Fernanda Martinelli ZEF - University of Bonn Planetary Boundaries	RENAC Sustainable economic recovery with co-benefits of RE Online/ self-study time	Ms Carly Crane Independent educator Scientific Structure & Writing	Ms Carly Crane Independent educator Scientific Structure & Writing	
13:00-14:30	Ms Fernanda Martinelli ZEF - University of Bonn Planetary Boundaries	RENAC Sustainable economic recovery with co-benefits of RE Online/ self-study time	RENAC Sustainable economic recovery with co-benefits of RE Online/ self-study time	Ms Carly Crane Independent educator Scientific Structure & Writing	RENAC Sustainable economic recovery with co-benefits of RE Online/ self-study time	
15:00-16:30	Ms Fernanda Martinelli ZEF - University of Bonn Planetary Boundaries	RENAC Sustainable economic recovery with co-benefits of RE Online/ self-study time	RENAC Sustainable economic recovery with co-benefits of RE Online/ self-study time	Ms Carly Crane Independent educator Scientific Structure & Writing	GERMAN CLASS	

	24-Feb	25-Feb	26-Feb	27-Feb	28-Feb	1-Mar
MARCH	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	SELF-ORGANIZED GROUP WORK Stakeholder Engagement -	RENAC Sustainable economic recovery with co- benefits of RE Online/ self-study time	Mr Ullrich Lorenz Systemic Futures System analysis strategy development in environmental policy	Mr Ullrich Lorenz Systemic Futures System analysis strategy development in environmental policy	RENAC Sustainable economic recovery with co- benefits of RE Online/ self-study time	
10:30-12:00	SELF-ORGANIZED GROUP WORK Stakeholder Engagement -	RENAC Sustainable economic recovery with co- benefits of RE Online/ self-study time	Mr Ullrich Lorenz Systemic Futures System analysis strategy development in environmental policy	Mr Ullrich Lorenz Systemic Futures System analysis strategy development in environmental policy	RENAC Sustainable economic recovery with co- benefits of RE Online/ self-study time	
13:00-14:30	Prof Jochen Schanze TU Dresden Environmental Management – Challenges, opportunities and vision	SELF-ORGANIZED GROUP WORK Stakeholder Engagement -	Mr Ullrich Lorenz Systemic Futures System analysis strategy development in environmental policy	Mr Ullrich Lorenz Systemic Futures System analysis strategy development in environmental policy	RENAC Sustainable economic recovery with co- benefits of RE Online/ self-study time	
15:00-16:30	Prof Jochen Schanze TU Dresden Environmental Management – Challenges, opportunities and vision	SELF-ORGANIZED GROUP WORK Stakeholder Engagement -	Mr Ullrich Lorenz Systemic Futures System analysis strategy development in environmental policy	Mr Ullrich Lorenz Systemic Futures System analysis strategy development in environmental policy	GERMAN CLASS	

Ramadan	3-Mar	4-Mar	5-Mar	6-Mar	7-Mar	8-Mar
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	RENAC International Climate Policy and National Implementation Online/ self-study time	Ms Jennifer Hansen Donut Berlin Rethinking our economic system - workshop on circular economy	Prof Christina Dornack TU Dresden Mechanical biological treatment of residual waste	Dr Roman Maletz TU Dresden Thermal waste treatment	Dr Patricia Gallo & Ms Dominique Schmachtel CIPSEM Brainstorming Discussion Translating scientific information into a common language: Perspectives on NbS	
10:30-12:00	Dr Roman Maletz TU Dresden Solid Waste Management: Intro, Characterization, Collection, Transportation	Ms Jennifer Hansen Donut Berlin Rethinking our economic system - workshop on circular economy	Prof Christina Dornack TU Dresden Landfill	Dr Roman Maletz TU Dresden Life Cycle Assessment	Dr Patricia Gallo & Ms Dominique Schmachtel CIPSEM Brainstorming Discussion Translating scientific information into a common language: Perspectives on NbS	
13:00-14:30	Dr Roman Maletz TU Dresden Waste Characterisation and Analytics	Ms Jennifer Hansen Donut Berlin Rethinking our economic system - workshop on circular economy	Ms Leonie Gerking TU Dresden Biological waste treatment and biogas technologies	EXCURSION Institute of Waste Management and Circular Economy	GERMAN CLASS Start: 2 p.m.!!	
15:00-16:30	RENAC International Climate Policy and National Implementation Online/ self-study time	Ms Jennifer Hansen Donut Berlin Rethinking our economic system - workshop on circular economy	Ms Leonie Gerking TU Dresden Construction and Demolition Waste	EXCURSION Institute of Waste Management and Circular Economy	Mr Toby Couture RENAC International climate policy framework and renewable energies ZOOM (16.00-17.30)	

	10-Mar	11-Mar	12-Mar	13-Mar	14-Mar	15-Mar
Ramadan	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Prof Wolfgang Wende IOER Environmental Impact Assessment	EXCURSION Waste Management Facilities Dr Dietmar Lohmann Interest Group Plastics Recycling Initiative Saxony e.V.	EXCURSION Waste Management Facilities Dr Dietmar Lohmann Interest Group Plastics Recycling Initiative Saxony e.V.	RENAC International Climate Policy and National Implementation Online/ self-study time	RENAC International Climate Policy and National Implementation Online/ self-study time	
10:30-12:00	Prof Wolfgang Wende IOER Environmental Impact Assessment	EXCURSION Waste Management Facilities Dr Dietmar Lohmann Interest Group Plastics Recycling Initiative Saxony e.V.	EXCURSION Waste Management Facilities Dr Dietmar Lohmann Interest Group Plastics Recycling Initiative Saxony e.V.	RENAC International Climate Policy and National Implementation Online/ self-study time	RENAC International Climate Policy and National Implementation Online/ self-study time	
13:00-14:30	Dr Dietmar Lohmann Interest Group Plastics Recycling Initiative Saxony e.V. Circular Economy, Recycling Philosophy and Instructions to Excursion	EXCURSION Waste Management Facilities Dr Dietmar Lohmann Interest Group Plastics Recycling Initiative Saxony e.V.	EXCURSION Waste Management Facilities Dr Dietmar Lohmann Interest Group Plastics Recycling Initiative Saxony e.V.	Mr Taha Loghmani UNU-FLORES Participation in Nature- Based Solutions: A coupled Citizen Science and Nature- Based Solutions approach (CS-NBS)	GERMAN CLASS (Start: 14:00)	
15:00-16:30	Dr Dietmar Lohmann Interest Group Plastics Recycling Initiative Saxony e.V. Circular Economy, Recycling Philosophy and Instructions to Excursion	EXCURSION Waste Management Facilities Dr Dietmar Lohmann Interest Group Plastics Recycling Initiative Saxony e.V.	EXCURSION Waste Management Facilities Dr Dietmar Lohmann Interest Group Plastics Recycling Initiative Saxony e.V.	Mr Taha Loghmani UNU-FLORES Participation in Nature- Based Solutions: A coupled Citizen Science and Nature- Based Solutions approach (CS-NBS)	GERMAN CLASS	

Ramadan	17-Mar	18-Mar	19-Mar	20-Mar	21-Mar	22-Mar
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	EXCURSION BERLIN - see separated program (Neo)	EXCURSION BERLIN - see separated program (Neo)	Prof Udo Becker TU Dresden Sustainable Mobility	Dr Patricia Gallo CIPSEM Stakeholder Engagement- Group Work Presentation	Dr Helena Ponstein Are companies in your country the weak link in the global supply chain? Insights from the new EU sustainability legislation (ZOOM - online)	
10:30-12:00	EXCURSION BERLIN - see separated program (Neo)	EXCURSION BERLIN - see separated program (Neo)	Prof Udo Becker TU Dresden Sustainable Mobility	Dr Patricia Gallo CIPSEM Stakeholder Engagement- Group Work Presentation	Dr Helena Ponstein Are companies in your country the weak link in the global supply chain? Insights from the new EU sustainability legislation (ZOOM - online)	
13:00-14:30	EXCURSION BERLIN - see separated program (Neo)	EXCURSION BERLIN - see separated program (Neo)	RENAC International Climate Policy and National Implementation Online/ self-study time	RENAC International Climate Policy and National Implementation Online/ self-study time	RENAC International Climate Policy and National Implementation Online/ self-study time	
15:00-16:30	EXCURSION BERLIN - see separated program (Neo)	EXCURSION BERLIN - see separated program (Neo)	RENAC International Climate Policy and National Implementation Online/ self-study time	RENAC International Climate Policy and National Implementation Online/ self-study time	GERMAN CLASS	

Ramadan	24-Mar	25-Mar	26-Mar	27-Mar	28-Mar	29-Mar
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Prof. Karl-Heinz Feger TU Dresden Soil functions & the water cycle	Prof Matthias Forkel/Evripidis Avouris/Eric Kosczor TU Dresden Remote Sensing - Fundaments and Uses <i>HÜL-S590</i>	Ralph Wollmann German Environment Agency (UBA) Navigating uncertainty	Ursula Caser MediateDomain Communication with decision makers Workshop	Ursula Caser MediateDomain SMART Project Workshop	
10:30-12:00	Prof. Karl-Heinz Feger TU Dresden Soil functions & the water cycle	Prof Matthias Forkel/Evripidis Avouris/Eric Kosczor TU Dresden Remote Sensing - Fundaments and Uses <i>HÜL-S590</i>	Ralph Wollmann German Environment Agency (UBA) Navigating uncertainty	Ursula Caser MediateDomain Communication with decision makers Workshop	Ursula Caser MediateDomain SMART Project Workshop	
13:00-14:30	Prof. Karl-Heinz Feger TU Dresden Soil functions & the water cycle	Prof Matthias Forkel/Evripidis Avouris/Eric Kosczor TU Dresden Remote Sensing - Fundaments and Uses <i>HÜL-S590</i>	Ralph Wollmann German Environment Agency (UBA) Navigating uncertainty	Ursula Caser MediateDomain Communication with decision makers Workshop	#	
15:00-16:30	Prof. Karl-Heinz Feger TU Dresden Soil functions & the water cycle	Prof Matthias Forkel/Evripidis Avouris/Eric Kosczor TU Dresden Remote Sensing - Fundaments and Uses <i>HÜL-S590</i>	Ralph Wollmann German Environment Agency (UBA) Navigating uncertainty	Ursula Caser MediateDomain Communication with decision makers Workshop	GERMAN CLASS	
				Upload Extended Outline		

	31-Mar	1-Apr	2-Apr	3-Apr	4-Apr	5-Apr
APRIL	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Dr Hanelore Kußerow Freie Universität Berlin Land use change and desertification in the Sahel zone of Africa - remote sensing case studies	Dr Hanelore Kußerow Freie Universität Berlin Land use change and desertification in the Sahel zone of Africa - remote sensing case studies	EXCURSION Feldheim - Energy	Ms Juliane Müller/ Ms Sandra Moreno Cambio e.V. Climate Justice Workshop	SELF-STUDY TIME	
10:30-12.00	Dr Hanelore Kußerow Freie Universität Berlin Land use change and desertification in the Sahel zone of Africa - remote sensing case studies	Dr Hanelore Kußerow Freie Universität Berlin Land use change and desertification in the Sahel zone of Africa - remote sensing case studies	EXCURSION Feldheim - Energy	Ms Juliane Müller/ Ms Sandra Moreno Cambio e.V. Climate Justice Workshop	Prof Goddert von Oheimb TU Dresden Nature conservation: An introduction	
13:00-14:30	Dr Hanelore Kußerow Freie Universität Berlin Land use change and desertification in the Sahel zone of Africa - remote sensing case studies	Dr Hanelore Kußerow Freie Universität Berlin Land use change and desertification in the Sahel zone of Africa - remote sensing case studies	EXCURSION Feldheim - Energy	Ms Juliane Müller/ Ms Sandra Moreno Cambio e.V. Climate Justice Workshop	Dr Sebastian Dittrich TU Dresden Land-use transitions	
15:00-16:30	Dr Hanelore Kußerow Freie Universität Berlin Land use change and desertification in the Sahel zone of Africa - remote sensing case studies	Dr Hanelore Kußerow Freie Universität Berlin Land use change and desertification in the Sahel zone of Africa - remote sensing case studies	EXCURSION Feldheim - Energy	Ms Juliane Müller/ Ms Sandra Moreno Cambio e.V. Climate Justice Workshop	Prof Goddert von Oheimb TU Dresden The functional role of tree species richness for ecosystem functions and services	

	7-Apr	8-Apr	9-Apr	10-Apr	11-Apr	12-Apr
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Dr. Peter Schad University of Munich - TUM Tropical soils	Dresden Nexus Conference	Dresden Nexus Conference	Dresden Nexus Conference	SELF STUDY NEO Module 17 topic: Biological soil degradation and salinization	
10:30-12:00	Dr. Peter Schad University of Munich - TUM Tropical soils	Dresden Nexus Conference	Dresden Nexus Conference	Dresden Nexus Conference	SELF STUDY NEO Module 17 topic: Biological soil degradation and salinization	
13:00-14:30	Dr. Peter Schad University of Munich - TUM Tropical soils	Dresden Nexus Conference	Dresden Nexus Conference	Dresden Nexus Conference	Dr Anna Görner & CIPSEM team Data Visualisation Group work Presentations	
15:00-16:30	Dr. Peter Schad University of Munich - TUM Tropical soils	Dresden Nexus Conference	Dresden Nexus Conference	Dresden Nexus Conference	GERMAN CLASS	

	14-Apr	15-Apr	16-Apr	17-Apr	18-Apr	19-Apr
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Dr André Lindner CIPSEM Introduction to biodiversity concepts and ecosystem functioning and services	Prof Karsten Kalbitz TU Dresden introduction into soil salinization (Tharandt - class starts at 8.15 am)	Dr. André Lindner CIPSEM Restoration Strategies	Prof Karsten Kalbitz TU Dresden Soil contamination part 2 CIPSEM	GOOD FRIDAY - PUBLIC HOLIDAY	
10:30-12:00	Dr André Lindner CIPSEM Introduction to biodiversity concepts and ecosystem functioning and services	BACK TO CIPSEM SELF STUDY NEO Module 17 topic: Soil contamination and erosion	Dr. André Lindner CIPSEM Restoration Strategies	Prof Karsten Kalbitz TU Dresden Soil erosion CIPSEM	GOOD FRIDAY - PUBLIC HOLIDAY	
13:00-14:30	Dr André Lindner CIPSEM Introduction to biodiversity concepts and ecosystem functioning and services	SELF STUDY NEO Module 17 topic: Soil contamination and erosion	Dr. André Lindner CIPSEM Restoration Strategies	Prof Karsten Kalbitz TU Dresden Soil erosion CIPSEM	GOOD FRIDAY - PUBLIC HOLIDAY	
15:00-16:30	RENAC PREPARATION for EXAM Online/ self-study time	Prof Karsten Kalbitz TU Dresden Soil contamination part 1 CIPSEM	Picnic with CIPSEM (15.30-18.00)	RENAC EXAM	GOOD FRIDAY - PUBLIC HOLIDAY	

Ostern Ferien	21-Apr Monday	22-Apr Tuesday	23-Apr Wednesday	24-Apr Thursday	25-Apr Friday	26-Apr Saturday
08:45-10:15	Break					
10:30-12:00						
13:00-14:30						
15:00-16:30						

	28-Apr	29-Apr	30-Apr	1-May	2-May	3-May
MAY	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Prof. Lukas Giessen TU Dresden Overview and interrelations of the week	Ishmaila Ibrahim TU Dresden Actor – Power – Interest for sustainable forest management (SFM) Outcomes	Dr. Simon Benedikter TU Dresden The SDG (Sustainable Development Goals) system	LABOR DAY - PUBLIC HOLIDAY	Dr Patricia Gallo CIPSEM Climate Action NEO (self-study time)	
10:30-12:00	Prof. Lukas Giessen TU Dresden Multilevel governance of environmental resources	Preeyaphat Chaiklang TU Dresden Actor – Power – Interest for SFM Outcomes	Alice de Oliveira Tavares TU Dresden Development cooperation and community empowerment: the case of NTFP in the Brazilian Amazon	LABOR DAY - PUBLIC HOLIDAY	Dr Patricia Gallo CIPSEM Climate Action NEO (self-study time)	
13:00-14:30	Shambhu Charmakar TU Dresden FSC Forest Certification for Ecosystem Services: Concepts, and Cases from Community Forests in Nepal	Lwin Thuzar Nyein TU Dresden Actor – Power – Interest for SFM Outcomes	Ametus Kuuwil TU Dresden Health shocks and forestry	LABOR DAY - PUBLIC HOLIDAY	Dr Patricia Gallo CIPSEM Climate Action NEO (self-study time)	
15:00-16:30	Raphael Owusu TU Dresden Restoration of Degraded and Deforested Landscapes: Concepts and Cases from Sub-Saharan Africa	Ishmaila Ibrahim, Preeyaphat Chaiklang, Lwin Thuzar Nyein Actor – Power – Interest for SFM Outcomes	Izumi Diana Mori Zepa TU Dresden Assessing Pathways of Influence through International Forest Agreements: A Case Study from Peru	LABOR DAY - PUBLIC HOLIDAY	GERMAN CLASS	
					Blog submission	

	5-May	6-May	7-May	8-May	9-May	10-May
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Dr Patricia Gallo CIPSEM Climate Action Discussion round	FINAL PAPER Mid-Term Presentations (see separate schedule)	FINAL PAPER Mid-Term Presentations (see separate schedule)	Dr Luis Inostroza Mendel University Brno Ecosystem Services (ES) - Perception of reality & the psychology of human minds	Dr Luis Inostroza Mendel University Brno GIS and Mapping of Ecosystem Services - Practical Exercise <i>TILS05</i>	
10:30-12.00	FINAL PAPER Mid-Term Presentations (see separate schedule)	FINAL PAPER Mid-Term Presentations (see separate schedule)	FINAL PAPER Mid-Term Presentations (see separate schedule)	Dr Luis Inostroza Mendel University Brno Ecosystem Services (ES) - Perception of reality & the psychology of human minds	Dr Luis Inostroza Mendel University Brno GIS and Mapping of Ecosystem Services - Practical Exercise	
13:00-14:30	FINAL PAPER Mid-Term Presentations (see separate schedule)	FINAL PAPER Mid-Term Presentations (see separate schedule)	FINAL PAPER Mid-Term Presentations (see separate schedule)	Dr Luis Inostroza Mendel University Brno Ecosystem Services (ES) - Fundamentals of science, language and models	Dr Luis Inostroza Mendel University Brno GIS and Mapping of Ecosystem Services - Practical Exercise	
15:00-16:30	FINAL PAPER Mid-Term Presentations (see separate schedule)	FINAL PAPER Mid-Term Presentations (see separate schedule)	FINAL PAPER Mid-Term Presentations (see separate schedule)	Dr Luis Inostroza Mendel University Brno Ecosystem Services (ES) - Fundamentals of science, language and models	Dr Luis Inostroza Mendel University Brno GIS and Mapping of Ecosystem Services - Practical Exercise	

	12-May	13-May	14-May	15-May	16-May	17-May
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN
10:30-12:00	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN
13:00-14:30	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN
15:00-16:30	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN	Excursion Vilm - BfN
Patricia/ Dominique	overnight stay	overnight stay	overnight stay	overnight stay	overnight stay	Departure to Dresden

	19-May	20-May	21-May	22-May	23-May	24-May
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Mr Ullrich Lorenz Systemic Futures Scenario Management and Foresight	Mr Ullrich Lorenz Systemic Futures Scenario Management and Foresight	Faculty Day TU Dresden	Ursula Caser Mediatedomain SMART Project Dynamic Group A (Group B self- study time) Live Session Zoom	Prof Angela Francke Universität Kassel Mobility behaviour	
10:30-12.00	Mr Ullrich Lorenz Systemic Futures Scenario Management and Foresight	Mr Ullrich Lorenz Systemic Futures Scenario Management and Foresight	Faculty Day TU Dresden	Ursula Caser Mediatedomain SMART Project Dynamic Group A (Group B self- study time) Live Session Zoom	Prof Angela Francke Universität Kassel Active Mobility	
13:00-14:30	Mr Ullrich Lorenz Systemic Futures Scenario Management and Foresight	Mr Ullrich Lorenz Systemic Futures Scenario Management and Foresight	Faculty Day TU Dresden	Ursula Caser Mediatedomain SMART Project Dynamic Group B (Group A self- study time) Live Session Zoom	EXCURSION Bike Tour - TU Dresden Angela Francke // Fabian Heidegger	
15:00-16:30	Mr Ullrich Lorenz Systemic Futures Scenario Management and Foresight	Mr Ullrich Lorenz Systemic Futures Scenario Management and Foresight	Faculty Day TU Dresden	Ursula Caser Mediatedomain SMART Project Dynamic Group B (Group A self- study time) Live Session Zoom	EXCURSION Bike Tour - TU Dresden Angela Francke // Fabian Heidegger	

	26-May	27-May	28-May	29-May	30-May	31-May
JUNE	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	SELF-STUDY TIME	Dr Julian Rode Helmholtz Centre for Environmental Research – UFZ Conceptualizing the values of nature	Ms Jaya Upadhyay IdiV Environmental Governance	ASCENSION DAY - PUBLIC HOLIDAY	Prof Marieke van der Maaten-Theunissen / Dr Ernst van der Maaten TU Dresden Forests under pressure: Tree rings as indicators of climate change impacts	
10:30-12:00	Dr Julian Rode Helmholtz Centre for Environmental Research – UFZ Conceptualizing the values of nature	Dr Julian Rode Helmholtz Centre for Environmental Research – UFZ Conceptualizing the values of nature	Ms Jaya Upadhyay IdiV Environmental Governance	ASCENSION DAY - PUBLIC HOLIDAY	Prof Marieke van der Maaten-Theunissen / Dr Ernst van der Maaten TU Dresden Forests under pressure: Tree rings as indicators of climate change impacts	
13:00-14:30	Dr Julian Rode Helmholtz Centre for Environmental Research – UFZ Conceptualizing the values of nature	Dr Julian Rode Helmholtz Centre for Environmental Research – UFZ Conceptualizing the values of nature	Ms Jaya Upadhyay IdiV Environmental Governance	ASCENSION DAY - PUBLIC HOLIDAY	Prof. Daniel Karthe UNU-FLORES Resource Nexus in coal regions	
15:00-16:30	Dr Julian Rode Helmholtz Centre for Environmental Research – UFZ Conceptualizing the values of nature	SELF-STUDY TIME	Ms Jaya Upadhyay IdiV Environmental Governance	ASCENSION DAY - PUBLIC HOLIDAY	GERMAN CLASS	
					Policy Brief submission	

	2-Jun	3-Jun	4-Jun	5-Jun	6-Jun	7-Jun
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Dr Thilo Becker City of Trier Adminsitration Air Pollution	Mr Fabian Heidegger TU Dresden Noise Pollution	Mr Raghid Shehayeb DLGS, IOER, TUD Environmental Risk Assessment	Dr Catalin Stefan TU Dresden Groundwater management	Prof. Peter Krebs TU Dresden Global and Virtual water	
10:30-12.00	Dr Thilo Becker City of Trier Adminsitration) / Prof Angela Francke - .. and why don't we just build more lanes to fight congestion?" - Discussion about myths of traffic planning"	Mr Fabian Heidegger Traffic management (45 min - until 11.15h)	Mr Raghid Shehayeb DLGS, IOER, TUD Environmental Risk Assessment	Dr Catalin Stefan TU Dresden Groundwater management	Prof. Peter Krebs TU Dresden Global and Virtual water	
13:00-14:30	Dr Thilo Becker City of Trier Adminsitration My boss is a politician! How do I convince him of sustainable transportation	EXCURSION Dein Hof Dr Anna Görner CIPSEM	ALUMNI SESSION ERIK at CIPSEM	EXCURSION Dresden Kaditz Sewage Treatment Plant - Stadtentwässerung (14:30-17:00)	OPTIONAL: JProf Mathias Forkel TU Dresden Questions & Answers - Practical Exercise TIL S05)	
15:00-16:30	Dr Ulan Kasymov TU Dresden MORE STEP – Mobility at risk: Sustaining the Mongolian Steppe Ecosystem	EXCURSION Dein Hof Dr Anna Görner CIPSEM	ALUMNI SESSION ERIK at CIPSEM	EXCURSION Dresden Kaditz Sewage Treatment Plant - Stadtentwässerung (14:30-17:00)	GERMAN CLASS	

	9-Jun	10-Jun	11-Jun	12-Jun	13-Jun	14-Jun
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	WHIT MONDAY - PUBLIC HOLIDAY	Dr Anna Görner CIPSEM Food Nexus	Mr Raghid Shehayeb DLGS, IOER, TUD Integrated Water Resource Management IWRM	Dr Uwe Brämick Institut für Binnenfischerei e.V. Potsdam-Sacrow Fishery management and aquaculture	Dr Uwe Brämick Institut für Binnenfischerei e.V. Potsdam-Sacrow Fishery management and aquaculture	
10:30-12:00	WHIT MONDAY - PUBLIC HOLIDAY	Dr Anna Görner CIPSEM Food Nexus	Mr Raghid Shehayeb DLGS, IOER, TUD Integrated Water Resource Management IWRM	Dr Uwe Brämick Institut für Binnenfischerei e.V. Potsdam-Sacrow Fishery management and aquaculture	Dr Uwe Brämick Institut für Binnenfischerei e.V. Potsdam-Sacrow Fishery management and aquaculture	
13:00-14:30	WHIT MONDAY - PUBLIC HOLIDAY	EXCURSION Alte Gärtnerei Community Garden	Ms Dominique Schmachtel CIPSEM The role of Diplomacy & Integrity in the Water Sector	Dr Uwe Brämick Institut für Binnenfischerei e.V. Potsdam-Sacrow Fishery management and aquaculture	Dr Uwe Brämick Institut für Binnenfischerei e.V. Potsdam-Sacrow Fishery management and aquaculture	
15:00-16:30	WHIT MONDAY - PUBLIC HOLIDAY	EXCURSION Alte Gärtnerei Community Garden	Ms Dominique Schmachtel CIPSEM The role of Diplomacy & Integrity in the Water Sector	Dr Uwe Brämick Institut für Binnenfischerei e.V. Potsdam-Sacrow Fishery management and aquaculture	GERMAN CLASS	

	16-Jun	17-Jun	18-Jun	19-Jun	20-Jun	21-Jun
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	EXCURSION National Park Sächsische Schweiz Mr Armin Zenker	Mr Hilmar Börnick TU Dresden	Dr Serena Caucci TU Dresden Gender and Health mainstreaming in water management	SELF-STUDY TIME	Prof. Peter Krebs TU Dresden Urban Water Resources Management	
10:30-12:00	EXCURSION National Park Sächsische Schweiz Mr Armin Zenker	Ms Jessica Hemingway IÖR Urban Environmental Acupuncture as a Tool to Support Nature- Based Solution Implementation	Dr Serena Caucci TU Dresden Gender and Health mainstreaming in water management	SELF-STUDY TIME	Prof. Peter Krebs TU Dresden Urban Water Resources Management	
13:00-14:30	EXCURSION National Park Sächsische Schweiz Mr Armin Zenker	SELF-STUDY TIME	Prof. Peter Krebs TU Dresden Urban Water Systems	EXCURSION Algenwerk Leander Seibel	Prof Andreas Hartmann TU Dresden Groundwater and Biodiversity	
15:00-16:30	EXCURSION National Park Sächsische Schweiz Mr Armin Zenker	SELF-STUDY TIME	Prof. Peter Krebs TU Dresden Urban Water Systems	EXCURSION Algenwerk Leander Seibel	GERMAN CLASS	
					Dresden Science Night (17:00 - 00:00)	

	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	SELF-STUDY TIME	SELF-STUDY TIME	Dr Serena Coetzee UNU-FLORES Introduction to Geospatial data	EXCURSION Weißwasser - Mining Prof Alexei Alekseenko UNU-Flores	Fellow-for-Fellow Workshop Preparation Group 1/2 with Anna Görner (CIPSEM)	
10:30-12:00	SELF-STUDY TIME	SELF-STUDY TIME	Dr Mathias Jehling & Ms Denise Erhardt IÖR Who drives urban densification? Linking landownership and spatial dynamics	EXCURSION Weißwasser - Mining Prof Alexei Alekseenko UNU-Flores	Fellow-for-Fellow Workshop SELF-ORGANIZED GROUP WORK	
13:00-14:30	SELF-STUDY TIME	SELF-STUDY TIME	Prof. Edel Günther UNU-FLORES Resource Nexus from a Business Perspective	EXCURSION Weißwasser - Mining Prof Alexei Alekseenko UNU-Flores	Fellow-for-Fellow Workshop SELF-ORGANIZED GROUP WORK	
15:00-16:30	SELF-STUDY TIME	SELF-STUDY TIME	Mr Prashant Kumar UNU-FLORES Green Transformation of Industrial Parks: Insights from Behavioral Economics and Choice Experiments	EXCURSION Weißwasser - Mining Prof Alexei Alekseenko UNU-Flores	GERMAN CLASS	
		Submission of Final Paper	Summer Party - 5 pm			

Sommer Ferien	30-Jun	1-Jul	2-Jul	3-Jul	4-Jul	5-Jul
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	EXCURSION DESSAU - German Environment Agency - UBA <i>see separated program</i>	EXCURSION DESSAU - German Environment Agency - UBA <i>see separated program</i>	EXCURSION Windberg/Kaitzbach (Hiking with Prof Feger)	ABCD CENTER Transfer workshop Topic to be defined	Ms Urvana Menon - WWF Myanmar Infrastructure impacts on communities and environment: Pathways For Change	
10:30-12.00	EXCURSION DESSAU - German Environment Agency - UBA <i>see separated program</i>	EXCURSION DESSAU - German Environment Agency - UBA <i>see separated program</i>	EXCURSION Windberg/Kaitzbach (Hiking with Prof Feger)	ABCD CENTER Transfer workshop Topic to be defined	Prof Irene Ring TU Dresden Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)– Tasks and Challenges	
13:00-14:30	EXCURSION DESSAU - German Environment Agency - UBA <i>see separated program</i>	EXCURSION DESSAU - German Environment Agency - UBA <i>see separated program</i>	EXCURSION Windberg/Kaitzbach (Hiking with Prof Feger)	ABCD CENTER Transfer workshop Topic to be defined	Prof Irene Ring TU Dresden Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)– Tasks and Challenges (<i>until 13:45</i>)	
15:00-16:30	EXCURSION DESSAU - German Environment Agency - UBA <i>see separated program</i>	EXCURSION DESSAU - German Environment Agency - UBA <i>see separated program</i>	EXCURSION Windberg/Kaitzbach (Hiking with Prof Feger)	ABCD CENTER Transfer workshop Topic to be defined	GERMAN CLASS	
					SemperOper - 7.00 pm	

Sommer Ferien	7-Jul	8-Jul	9-Jul	10-Jul	11-Jul	12-Jul
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	Dr Tatiane Micheletti TU Dresden What is Predictive Ecology?	Dr. Tatiane Micheletti TU Dresden Wildlife Management	Dr Ronny Peter & Mrs Marie-Christin Wimmler TU Dresden Restoration of Mangroves	Fellow-for-Fellow Workshop Group 1	Prof Katharina Stein HNE Eberswalde Pollination	
10:30-12.00	Dr Tatiane Micheletti TU Dresden What is Predictive Ecology?	Dr. Tatiane Micheletti TU Dresden Wildlife Management	Dr Ronny Peter & Mrs Marie-Christin Wimmler TU Dresden Restoration of Mangroves	Fellow-for-Fellow Workshop Group 1	Prof Katharina Stein HNE Eberswalde Pollination	
13:00-14:30	Dr Tatiane Micheletti TU Dresden The Western Boreal Initiative	Dr. Tatiane Micheletti TU Dresden Artificial Intelligence (AI) in Research	EXCURSION Tharandt Forest Botanical Garden Dr Ulrich Pietzarka TU Dresden	Fellow-for-Fellow Workshop Group 2	SELF-STUDY TIME TAF	
15:00-16:30	Dr Tatiane Micheletti TU Dresden The Western Boreal Initiative	Dr. Tatiane Micheletti TU Dresden Artificial Intelligence (AI) in Research	EXCURSION Tharandt Forest Botanical Garden Dr Ulrich Pietzarka TU Dresden	Fellow-for-Fellow Workshop Group 2	GERMAN CLASS	
					Submission of TAF Proposal	

Sommer Ferien	14-Jul	15-Jul	16-Jul	17-Jul	18-Jul	19-Jul
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:45-10:15	FINAL PAPER Presentations (see separate scheduled)	FINAL PAPER Presentations (see separate scheduled)	FINAL PAPER Presentations (see separate scheduled)	Cleaning		DEPARTURE
10:30-12.00	FINAL PAPER Presentations (see separate scheduled)	FINAL PAPER Presentations (see separate scheduled)	FINAL PAPER Presentations (see separate scheduled)	FEEDBACK ROUND	AWARD CEREMONY	DEPARTURE
13:00-14:30	FINAL PAPER Presentations (see separate scheduled)	FINAL PAPER Presentations (see separate scheduled)	FINAL PAPER Presentations (see separate scheduled)	Cleaning	Administrative check- out	DEPARTURE
15:00-16:30	FINAL PAPER Presentations (see separate scheduled)	FINAL PAPER Presentations (see separate scheduled)	FINAL PAPER Presentations (see separate scheduled)	Preparation for International Dinner	Administrative check- out	DEPARTURE
				International Dinner (5 pm)		