

















RARSUS Water and Energy Online Summer School Agenda

07 - 18 October 2019

				RARSUS Online Summer School			
Time	Mali Time (GMT)	Algeria + Niger Time (WAT)	Germany Time (CEST)	Water Track	Energy Track		
	Introduction to Risk and Vulnerability/Climate Change						
	08:30 - 09:00	09:30 – 10:00	10:30 – 11:00	Logging in on to the platform			
	09:00 – 11:00	10:00 – 12:00	11:00 – 13:00	Welcome remarks, Introduction, and Orientation Meet the Experts (ITT, UNU, ZEF), Group Work and Presentation, Peer Assessments, Assignments, Forum Discussion			
Monday	All day Self-paced eCourse			eCourse: Risk and Vulnerability – Theory and Assessment UNU-EHS			
07.10.2019	14:00 – 15:30	15:00 – 16:30	16:00 – 17:30	Webinar: Resources, Services & Risks- Lessons from United Nations University (UNU-FLORES) Nexus Observatory Project Dr. Mathew Kurian, UNU-FLORES Recommended reading: https://nexusobservatory.flores.unu.edu/			
	15:30 - 16:00	16:30 - 17:00	17:30 - 18:00	- View the eCourse - Introduction to the 'Reflective Review' peer assessment - Introduction to the group presentation assessment activity			
	09:00 – 10:30	10:00 – 11:30	11:00 – 12:30	Welcome remarks and Introduction Q&A session – Meet the Lecturer Paul Nduhuura , UNU-EHS			
Tuesday 08.10.2019	All day Self-paced eCourse			eCourse: Risk and Vulnerability – Theory and Assessment UNU-EHS			

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Time	Mali Time (GMT)	Algeria + Niger Time (WAT)	Germany Time (CEST)	Water Track	Energy Track			
	Water and Energy Special Courses							
	09:00 - 09:30	10:00 – 10:30	11:00 – 11:30	Welcome remarks, Group Work Information				
Wednesday 09.10.2019	All day	Self-paced e	Course	eCourse: Hydrology Based Approaches for Developing and Operating Infrastructure for Water Management in Urban Settings ZEF-Uni Bonn	eCourse: Resilience & Climate Change in African Cities UNU-EHS			
	10:30 – 12:00	11:30 – 13:00	12:30 – 14:00	Webinar: Flood management - Options & Concepts, Probability Analyses, Hydrological Modeling, Design & Dimensioning, Operational Rules, Impact Assessment, Integration in Overall Water Management Bernhard Tischbein, ZEF-Uni Bonn	Webinar: UN-Habitat Building Urban Resilience: Tools and Case Study Amaya Celaya and Craig Laird UN Habitat			
				- View the eCourse - Reflective review preparation - Group work	- View the eCourse - Reflective review preparation - Group work			
	09:00 – 10:30	10:00 – 11:30	11:00 – 12:30	Welcome remarks and Introduction Q&A session – Meet the Lecturer Dr. Navneet Kumar and Dr. Bernhard Tischbein, ZEF-Uni Bonn	Welcome remarks and Introduction Q&A session – Meet the Lecturer Paul Nduhuura, UNU-EHS			
	10:30 – 12:00	11:30 – 13:00	12:30 – 14:00	Webinar: Geo-Thermal System Lúdvík S. Georgsson, UNU-GTP				
Thursday 10.10.2019	All day	Self-paced e	Course	eCourse: Hydrology Based Approaches for Developing and Operating Infrastructure for Water Management in Urban Settings ZEF-Uni Bonn	eCourse: Resilience & Climate Change in African Cities UNU-EHS			
				-View the eCourse - Reflective review preparation - Group work	-View the eCourse - Reflective review preparation - Group work			
	14:00 – 15:30 15:00 – 16:30 16:00 – 17:30			Webinar: Sustainable water management in urban settings, with a focus in Africa Dr. Lina Taing UNU-INWEH	Webinar: How can Climate Services support renewable energy generation & management in West Africa? Dr. Seyni Salack, WASCAL Competence Center			

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Time	Mali Time (GMT)	Algeria + Niger Time (WAT)	Germany Time (CEST)	Water Track	Energy Track		
	Water, Energy and Food Nexus						
	09:00 - 09:30	10:00 – 10:30	11:00 – 11:30	Welcome remarks and Introduction			
Friday 11.10.2019	All day	Self-paced e	Course	eCourse: Urban Nexus – Water, Energy and Food Interactions in Urban Context ITT, TH Köln			
	,			- View the eCourse - Reflective review preparation - Group work			
	09:00 – 10:00	10:00 – 11:00	11:00 – 12:00	Welcome remarks and Introduction Q&A session – Meet the Lecturer Prof. Ramchandra Bhandari, ITT, TH Köln			
	10:00 – 11:30	11:00 – 12:30	12:00 – 13:30	Webinar: Water-Energy-Food Nexus in the context of Risk Assessment and Reduction Ashwin Seetal, Council for Scientific and Industrial Research (CSIR)			
Monday 14.10.2018	All dou	Calf paged of	Course	eCourse: Urban Nexus – Water, Energy and Food Interactions in Urban Context ITT, TH Köln			
	All day Self-paced eCourse			-View the eCourse - Reflective review preparation - Group work			
	14:00 – 15:30	15:00 – 16:30	16:00 – 17:30	Webinar Nexus: Building WEF Nexus partnerships and projects in Africa ¹ Prof. Dr. Michael Jacobson, Pennsylvania State University			
Water and Energy Special Courses							
	09:00 – 09:30	10:00 – 10:30	11:00 – 11:30	Reflective R	eview Q&A		
				eCourse: Spatial Planning in the Context of Urban Water Management	eCourse: Climate Resilient Energy Supply Infrastructure		
Tuesday 15.10.2019	All day Self-paced eCourse			-View the eCourse - Reflective review preparation - Group work	-View the eCourse - Reflective review preparation - Group work		
	13:00 – 14:30	14:00 – 15:30	15:00 – 16:30	Webinar: Wastewater Management in Urban Area Dr. Abdoul Azize Seyni Ministry of Environment, Niger Republic	Webinar: Energy infrastructures: Gateways to the future of Energy Dr. Moumouni Yacouba University of Nevada,Las Vegas		

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	15:00	16:00	17:00	Deadline for submission of 'Reflective Review'				
Time	Mali Time (GMT)	Algeria + Niger Time (WAT)	Germany Time (CEST)	Water Track	Energy Track			
Wednesday 16.10.2019	09:00 – 10:30	10:00 – 11:30	11:00 – 12:30	Welcome remarks and Introduction Q&A session – Meet the Lecturer Dr. Navneet Kumar and Dr. Bernhard Tischbein, ZEF-Uni Bonn	Welcome remarks and Introduction Q&A session – Meet the Lecturer Prof. Ramchandra Bhandari, ITT, TH Köln			
	10:30 – 12:00	11:30 – 13:00	12:30 – 14:00	Webinar: Resilience and Sustainability of Urban Food Systems Dr. Darya Hirsch International Centre for Sustainable Research (IZNE) at the Bonn-Rhein-Sieg University of Applied Sciences (BRSU), Germany	Webinar: Affordable, reliable, sustainable and modern energy for all — Benefits of building resilience in a renewable energy project design to develop a bankable project proposal and unlock climate finance with the IRENA Project Navigator Simon Benmarraze IRENA Innovation and Technology Centre			
				eCourse: Spatial Planning in the Context of Urban Water Management	eCourse: Climate Resilient Energy Supply Infrastructure			
	All day Self-paced eCourse			-View the eCourse - Reflective review preparation - Group work	-View the eCourse - Reflective review preparation - Group work			
	13:00 – 14:30 14:00 – 15:30 15:00 – 16:30			Webinar: Earth Observation and GIS Technology for Spatial Management of Water Resources Navneet Kumar, ZEF-Uni Bonn				
	15:00 16:00 17:00 Deadline for completion of 'Reflective Review' peer assessment				ective Review' peer assessment			
Feedback, discussion on assessment, assignment, Group Presentation and Closing								
	Q&A, Feedback and Discussion of Reflective Review by Example 11:30 – 13:00 12:30 – 14:00 (Bernhard Tischbein and Navneet Kumar, ZEF-Uni Bonn Pau and Emmanuel Cheo, UNU-EHS Khalid Mehmood, I'				ımar, ZEF-Uni Bonn Paul Nduhuura			
Thursday 17.10.2019				Break	Break			
	13:00 - 14:30	14:00 - 15:30	15:00 - 16:30	Finalization of Group Presentation	Finalization of Group Presentation			
				Break	Break			
	15:00 - 16:30	16:00 - 17:30	17:00 - 18:30	Finalization of Group Presentation	Finalization of Group Presentation			



















Time	Mali Time (GMT)	Algeria + Niger Time (WAT)	Germany Time (CEST)	Water Track	Energy Track			
Friday 18.10.2019	09:00 – 09:30	10:00 – 10:30	11:00 – 11:30	Welcome remarks and Orientation (Group Presentation)				
				Break				
	10:30 – 11:30	11:30 – 12:30	12:30 – 13:30	Water Group Presentations (Groups 1 & 2) Energy Group Presentation (Groups 5 & 6)				
				Break				
	12:00 - 13:00	13:00 - 14:00	14:00 - 15:00	Water Group Presentation (Groups 3 & 4) Energy Group Presentation (Groups 7 & 8)				
	13:00 - 13:15	14:00 - 14:15	15:00 - 15:15	Wrap-up and Closing				

Certificates will be issued upon assessment and requirements completion.