

Sustainability Summer School - online sessions	
HKA + OST + OSU	Final DRAFT - changes may still occur
Project Leaders	Date of this version
Prof. Dr. Michael Kauffeld and Dr. Mihaela	21.08.2026

Meeting Link for all online sessions

<https://okstate-edu.zoom.us/j/98877639461?pwd=IQzbyQ2gOrFHFzK7avJQcE55u41TvC.1>

Day	Date	Duration	Start time				End Time				Topic (Presenter)
		hrs	Oklahoma	Germany	Korea	Malaysia	Oklahoma	Germany	Korea	Malaysia	
Monday	2026-08-31	1	7:00 AM	2:00 PM	9:00 PM	8:00 PM	8:00 AM	3:00 PM	10:00 PM	9:00 PM	Introduction of all participants and lecturers (all)
		2,5	8:00 AM	3:00 PM	10:00 PM	9:00 PM	10:30 AM	5:30 PM	12:30 AM	11:30 PM	Biomimicry, Biophilic Design and Industrial Ecology (Aditya)
Tuesday	2026-09-01	2,5	8:00 AM	3:00 PM	10:00 PM	9:00 PM	10:30 AM	5:30 PM	12:30 AM	11:30 PM	Sustainability in Building Conditioning Systems (Christian)
Wednesday	2026-09-02	2,5	8:00 AM	3:00 PM	10:00 PM	9:00 PM	10:30 AM	5:30 PM	12:30 AM	11:30 PM	Design of Low-Impact Occupant Centric Buildings (Khaled)
Thursday	2026-09-03	2,2	8:00 AM	3:00 PM	10:00 PM	9:00 PM	10:30 AM	5:30 PM	12:30 AM	11:30 PM	Making Existing Buildings Great Again! (Heba)
Thursday	2026-09-03	1,0	8:00 AM	3:00 PM	10:00 PM	9:00 PM	9:00 AM	4:00 PM	11:00 PM	10:00 PM	IMPORTANT INFORMATION for the on-campus week

Group work	see 'Timetable online sessions' for a complete list of projects - please select YOUR project - 6 members on each team; only one team for every subject		
on-campus week	Group 1	1. Designing a Net-Zero Energy Building	Concept for a small-scale building that achieves net-zero energy through passive design,
	Group 2	2. Low-Impact Occupant-Centric Buildings	Building solutions that enhance indoor comfort (thermal, acoustic, visual) while minimizing
	Group 3	3. Water-Energy Nexus in Hospitals and Communities	Integrated systems (solar desalination, rainwater harvesting, greywater reuse) for
	Group 4	4. Circular Economy for Building Materials	Strategies to reuse, recycle, or replace high-carbon materials (e.g., cement, plastics,
	Group 5	5. Solar-Powered Cooling for Food and Medicine	Scalable, low-cost cooling solutions for reducing food waste and ensuring medical cold
	Group 6	6. Urban Agriculture and Circular Food Systems	Rooftop or vertical farming concepts powered by renewables, with composting and water
	Group 7	7. The role of bees in a sustainable future	Is honey sustainable? The role of bees in a sustainable future (exploring pollination,
	Group 8	8. Sustainable Mobility for Campuses and Cities	Integrated mobility plan (walking, cycling, electric micro-mobility, and public transport) for
	Group 9	9. Community Engagement and Behavioral Change for Sustainability	Campaign or toolkit to promote sustainable lifestyles (energy savings, waste reduction,
	Group 10	10. Resilient Cities in the Face of Climate Change	Adaptation strategies for cities exposed to heatwaves, flooding, or water scarcity, using
	Group 11	11. Sustainable digital transformation	Digital tools like AI, smart grids, and digital twins can boost efficiency, reduce resource