

GVISHIANI ROOM and ZOOM*	
9:00 – 9:15	Welcome and Opening Remarks Fabian Wagner, Capacity Development and Academic Training, Dean Brian Fath, Young Scientists Summer Program, Scientific Coordinator
	Session 1
1.1 09:15 – 09:40	Montserrat Koloffon Rosas - Transformations through partnerships for sustainable development: Leverage points in nexus governance Crystal Yu - Modeling Age-Specific Migration Schedules for U.S. States Anouk Brisebois - Climate risk and resilience in coastal Bangladesh: Differential experiences among migrant women and men at their destination Jaewon Son - Exploring the role of urban green spaces as nature-based solutions in Korea and Germany Thomas Berger - Sustainable transport systems: From pollution prevention towards just mobility transitions
1.2 09:45 – 10:05	Jakob Napiontek - Synthetic population of Germany Kedi Liu - Integrating air pollution health impacts on SSPs projection Julie Sojin Kim - Estimating fertility trends by state, education, and residence in India, 1990-2020 Jennifer Bailey - Estimating the impact of heat alerts on population mobility in California
1.3 10:10 – 10:25	Kunxin Zhu - Waves of change: Understanding the impact of natural hazards on housing market dynamics and coastal evolution Jinhyeok Jang - Neighborhood environment and well-being disparities: The role of social infrastructure supply Amrutha Devi - The impact of air pollution on decent living standards: Evidence from a district-level panel data
10:25 – 10:45	Break
	Session 2
2.1 10:45 – 11:10	Shotaro Mori - Multi-model analysis on energy system achieving a complete phase-out of fossil fuels June Choi - Quantifying the role of adaptive capacities in moderating climate damages Gang Tang - Land use emission uncertainties for climate projections using the carbon-nitrogen coupled MAGICC Candelaria Bergero - The implications of underdelivering and underestimating CDR André Baumgart - Prospective scenarios for global mobility infrastructure and GHG emissions
2.2 11:15 – 11:40	Shigan Liu - Developing machine learning-based PM2.5 source-receptor relationships model Ziwei Chen - Evaluating Fluorinated Greenhouse Gas Emissions and Mitigation Potential in China Yesol Cha - Assessing the impact of air quality measures and climate change in Northeast Asia Wenxin Cao - Strategies for region-specific air quality improvement towards Beautiful China 2035 target Rebekah Ash - A double opportunity: Supporting pastoralism and climate in Kenya
2.3 11:45 – 12:05	Qiuling Yuan - A Roadmap for Future Deployment of Urban Rooftop and Utility Scale Photovoltaics in China from Energy-Water-Land-Carbon Nexus Perspective Yang Wang - Measuring household deprivation: From food poverty to national poverty lines

	<p>Sarah Schoengart - Attributing extreme events by income decile</p> <p>Naud Loomans - Quantifying the potential of energy communities in the Netherlands</p>
12:05 – 13:30	LUNCH
	Session 3
3.1 13:30 – 13:50	<p>Congrui Yi - Impact of mega dam construction on watershed carbon balance</p> <p>Taha Loghmani - A coupled Citizen Science and Nature-based Solutions (CS-NbS) approach - Implementation driver and barrier analysis: The case of TEvap in Brazil and Iran</p> <p>Josh Gilman - The interactive impacts of climate change and policy on urban development in drylands</p> <p>Zhonghao Fu - Simulating water-limit crop yields and water scarcity under climate extremes using PyAEZ-CWatM coupled model: A case study of Bhima Basin</p>
3.2 13:55 – 14:15	<p>Sophie Tudge - The threat to biodiversity from bioenergy expansion in Europe</p> <p>Joanna Simms - What will control the forest's fate? including belowground nitrogen processes into the plantfate model to investigate possible limitations on aboveground productivity</p> <p>Daan Scheepens - Large regional differences in impacts of agriculture on arthropod biodiversity worldwide</p> <p>Chloe Dawson - Exploring the implications to area of habitat from global mining land use change</p>
3.3 14:20 – 14:35	<p>Ruben Prütz - Spatial analysis of carbon dioxide removal implications focusing on biodiversity and land tenure</p> <p>Sowdamini Sesha Prasad - Integrating fed aquaculture into GLOBIOM to account for growing global feed resource competition</p> <p>Bingyi (Alex) Hou - Modelling Ontario Forest and Mass Timber in GLOBIOM-Forest</p>
3.4 14:40 – 14:45	<p>Qiankun Niu - Evaluating Climate Change Impacts on Single and Double Cropping Systems in Brazil</p> <p>Youngjin Ko - Development of the Harvested Wood Product Model to Support The “New Bauhaus” Concept in South Korea</p> <p>Daniel Escobar Carbonari - Assessing the climate effects of management options in drained northern peatlands: Long-term simulations with the ForSAFE-Peat model</p>
14:50 – 15:20	BREAK
	Session 4
4.1 15:20 – 15:45	<p>Ling Zhang - Tele-coupled biodiversity loss from a perspective of input-output analysis</p> <p>Akaraseth Puranasamriddhi - The fiscal benefits and trade-offs of adaptation infrastructure investment</p> <p>Siyu Gao - Evaluating flood risk for resilience improving of urban multi-modal transportation networks</p> <p>Merav Cohen - Lessons from COVID-19 regarding resilience principles in social-ecological systems: An exemplary participatory study</p> <p>Ted Buskop - Plausibilistic climate impact storylines framework: Risk priorities in an uncertain future</p>

4.2 15:50 – 16:10	Haodong Wei - Exploitation of optical and radar data for improved mapping of diverse cropping patterns of paddy and upland fields in South China Oleg Sviridov - Defining carbon responsibility: A review of emission allocation methods Teresa Lackner - Energy-efficient housing and macroeconomics: Insights from a building sector-ABM model integration Todd Davies - Population ecology as a lens for competition law
4.3 16:15 – 16:30	Wen Yi - Arctic shipping emissions under multiple global-Arctic coupled scenarios Benjamin Goffin - Mobilizing crowd-sourced data and earth observations from the international space station to capture climate-induced patterns in crop-water stress Linara Arslanova - Pixel-level mapping of crop damages using space-born synthetic aperture radar
16:30	Closing remarks Karen Lips , IIASA Deputy Director

*END OF PRESENTATIONS :
RECEPTION IN CONFERENCE AREA*