

SDG 13: Climate Action National Collaborative Projects

S. No.	Title	Author	Summary / Internal Collaboration	Links
1	What do we learn from Nexus between trade diversification and structural change: informing the future about climate action and Sustainability	Environmental Science and Pollution Research	Stileyman Demirel Üniversitesi Universidade Federal de Ouro Preto Universität Hohenheim Széchenyi István University	https://link.springer.com/article/10.1007/s11356-023-28770-9
2	Towards the development of a better, safe, environment-friendly filter using <i>Moringa oleifera</i> for the treatment of industrial wastewater of Himachal Pradesh	Dr. Saurabh Kulshrestha	A sustainable solution to treat wastewater in Himachal Pradesh using <i>Moringa oleifera</i> .	Aman thesis.pdf
3	Study on the Development of a Novel Biological Consortium for the Efficient Treatment of Wastewater	Parneet Kaur	To design a pilot plant for sewage wastewater treatment using an identified microalgal consortium at an optimized scale.	Parneet synopsis final 2022.pdf
4	Standardization of dye removal from salon wastewater using <i>Moringa oleifera</i> seeds and development of water filter.	Prof. Saurabh Kulshresth	Treat the water samples received from Germany and the Netherlands using <i>Moringa oleifera</i> and use the treated water for agriculture.	
5	Microbial population analysis and their susceptibility studies from water resources of Solan and nearby areas	Mamta Devi Sharma	Evaluation of multi-drug resistant genera from water resources in Solan.	Mamta Devi Sharma.pdf
6	The role of natural resources in the management of environmental sustainability: Machine learning approach	Resources Policy	Ural Federal University Tokai University	The role of natural resources in the management of environmental sustainability: Machine learning approach - ScienceDirect
7	Impacts of environmental regulations on green economic growth in China: New guidelines regarding renewable energy and energy efficiency	Renewable Energy	Fujian Normal University Shanghai University of Finance and Economics Hefei University of Technology	Impacts of environmental regulations on green economic growth in China: New guidelines regarding renewable energy and energy efficiency - ScienceDirect
8	The role of renewable energy and natural resources for sustainable agriculture in ASEAN countries: Do carbon emissions and deforestation affect agriculture productivity?	Resources Policy	Università degli Studi Roma Tre University of Alberta Anhui University of Finance and Economics	The role of renewable energy and natural resources for sustainable agriculture in ASEAN countries: Do carbon emissions and deforestation affect agriculture productivity? - ScienceDirect
9	Responses of soil greenhouse gas emissions to land use conversion and reversion—A global meta-analysis	Global Change Biology	Chinese Academy of Sciences Nanjing Institute of Geography and Limnology South China Botanical Garden Bergische Universität Wuppertal	Global Change Biology Environmental Change Journal Wiley Online Library
10	Transition towards clean energy consumption in G7: Can financial sector, ICT and democracy help?	Resources Policy	Bucharest University of Economic Studies Ural Federal University	Transition towards clean energy consumption in G7: Can financial sector, ICT and democracy help? - ScienceDirect
11	Impact of COVID-19 on greenhouse gases emissions	Science of the Total Environment	New Jersey Institute of Technology	

12	Host-mediated gene engineering and microbiome-based technology optimization for sustainable agriculture and environment	Functional and Integrative Genomics	New Jersey Institute of Technology University of Johannesburg University of California, Berkeley King Saud University	
----	---	-------------------------------------	--	--