

Year wise Projects CCP-SPLICE Division 2018-19

Sl. No.	Title of the project	Name and address of PI	Duration (Years)
1	Impact assessment of climate and land-use/landcover changes on hydrology and storm water drain network of Bangalore	Dr. V. V. Srinivas, Professor Interdisciplinary Center for Water Research (ICWaR), Indian Institute of Science, Bangalore – 560 012	3
2	Urban Flood Modelling – A Web-based Decision Tool Integrating UAV Based Information	Dr. Satish Kumar Regonda, Indian Institute of Technology IIT, Hyderabad	3
3	Impact of changing aerosol loading and urbanization on surface temperature and rainfall over select cities over India	Dr. Vinoj V, Indian Institute of Technology Bhubaneswar- 751007	3
4	Analysis of Climate Change and Urban Heat Island Impact in Dehradun, Uttarakhand	Dr. D.S. Arya, Indian Institute of Technology IIT, Roorkee	3
5	Development of long term high resolution Land Use Land Cover (LULC) data for Bhubaneswar peri-urban & rural area and future projection	Dr. Debadatta Swain, School of Earth, Ocean and Climate Sciences, Room No. 310 (SBS Building), IIT Bhubaneswar, Argul Campus, Jatni – 752050, Odisha, India	3
6	Strengthening the Existing Centre of Excellence in Climate Change: Divecha Centre for Climate Change	Prof. S.K. Satheesh, Divecha Centre for Climate Change, Indian Institute of Science, Bengaluru-560012, Karnataka State.	5
7	Establishing Gujarat State Climate Change Center	Sh. R. D. Kamboj, GEER Foundation, Indroda Nature Park, P.O. Sector-7, Gandhinagar, Gujarat	5
8	Assam climate change management society- its establishment/ strengthening & maintenance	Shri. Abhay Kumar Johari, Environment & Forest Department Assam	5
9	Himalayan Snow and Glacier Studies using Microwave Remote Sensing- A special emphasis on mass of seasonal snow and Eastern Himalaya	Dr. Gulab Singh, Centre of Studies in Resources Engineering Indian Institute of Technology Bombay, Powai, Mumbai, India	3

10	Retrieval of ice velocity using Interferometry techniques to understand the ice dynamics and glacier stored water of Karakoram glaciers	Dr.M.Geetha Priya, Professor, CIIRC-Jyothy Institute of Technology Tataguni, Off Kanakapura road, Bangalore	3
11	An assessment of socio-economic impacts due to meltwater variability in Himalayan states	Dr. Shresth Tayal, The Energy and Resources Institute, India Habitat Centre Complex, Lodhi Road, New Delhi	3
12	The state and fate of the glaciers in Upper Alaknanda Basin (UAB), Central Himalaya, India	Prof. Harish Chandra Nainwal, Professor, Department of Geology, HNB Garhwal University, Srinagar Garhwal-246714, Uttarakhand	3
13	Study of Glacio-hydrological Processes at Naradu Glacier, Western Himalaya	Prof. Rajesh Kumar, Professor and Head, Dept. of Environmental Science Sharda University, Knowledge Park-3, Greater Noida-201306, UP	3
14	Impacts of climate change on bioresources and livelihoods of local people of Arunachal Pradesh	Dr. Ashish Paul, Assistant Professor, Department of Forestry NERIST, Nirjuli – 791109, Arunachal Pradesh	3
15	Impact of climate change on high altitude Himalayan honey bee <i>Apis laboriosa</i> Smith and its acclimatization in changing environment	Dr. Hiren Gogoi, Assistant Professor, Dept. of Zoology, Rajiv Gandhi University, Rono Hills, Doimukh- 791112, Arunachal Pradesh	3
16	Climate change and natural resources depletion impacts on the socio-economy of Arunachal Himalaya: a Indigenous and Technological approach	Mr. Liagi Tajo, Joint Director, State Remote Sensing Application Centre Department of Science and Technology, Govt. of Arunachal Pradesh, Itanagar – 791 111	3
17	Sustaining the impact of Climate Change on Lentic Wetlands of Arunachal Himalayan Region	Dr. Oyi Dai Nimasow, Assistant Professor, Department of Botany Rajiv Gandhi University Rono Hills, Doimukh – 791112 Arunachal Pradesh (India)	3
18	Effect of climate changes on working capacity and livelihood sustainability for agricultural worker of Arunachal Pradesh	Dr. T. Patel, Assistant Professor, NERIST, Nirjuli (Itanagar)– 791109, Arunachal Pradesh	3

19	Modeling the impact of aerosols/gases on regional climate and weather extremes over Sub Himalayan North East Region	Dr. Binita Pathak, Adjunct Faculty/Assistant Professor, Centre for Atmospheric Studies/ Department of Physics Dibrugarh University, Dibrugarh, Assam-786004	3
20	Development of climate resilient major crops of Himachal Pradesh using genomics assisted breeding	Dr. Kamal Dev Sharma, Professor, Department of Agricultural Biotechnology, CSK HP Krishi Vishwavidyalaya, Palampur - 176062 (India)	3
21	Climate Resilience, Vulnerability and Adaptability Assessment of Livestock by Evaluating Important Production Traits, Physiological Stress Markers and Disease Predispositions in Different Agro-climatic Zones of Himachal Pradesh	Dr. Rajesh Chahota, Professor, Department of Veterinary Microbiology, DGCN College of Veterinary and Animal Sciences, CSK Himachal Pradesh Agricultural University, Palampur-176 062	3
22	Mapping simulated adaptations, futuristic crop water foot prints scenarios for Major Crops, Insects and diseases geographical distribution, Climate Vulnerability and Climate Resilience of Farming Community of Himachal Pradesh	Dr. Ranbir Sing Rana, Principal Scientist (Agronomy), CENTRE FOR GEO-INFORMATICS RESEARCH AND TRAINING,CSK Himachal Pradesh Krishi Vishwavidyalaya , Palampur-176062, H.P.	3
23	Understanding the biodiversity of Odonata (Class Insecta) of Kashmir Himalayan Region with reference to Climate Change	Dr. Aijaz Ahmad Qureshi, Mantaqi Centre for Science & Society (MCSS), Islamic University of Science & Technology (IUST), Awantipora, Kashmir-192122 (India)	3
24	Impact Assessment of Climate Change on Agriculture in Kashmir Himalaya	Dr. Farooq Ahmad Lone, Environmental Sciences and Centre for Climate Change and Mountain Agriculture, Faculty of Horticulture, Sher e Kashmir University of Agricultural Sciences and Technology of Kashmir, Shalimar campus, Srinagar -190025, J&K	3
25	Glacio-hydrometeorology and paleo-history of Brahma Group of Glaciers, Chenab basin, Jammu and Kashmir	Dr. Sunil Dhar, Associate Professor, Central University of Jammu, Rahya Suchani, Distt. Samba- 181143, J&K	3

26	Vulnerability assessment of alternate food crops/varieties of Manipur to Climate Change and their production enhancement through carbon positive approach	Dr. L. Nabachandra Singh, Professor (Agronomy), College of Agriculture, Central Agricultural University, Iroishemba, Imphal – 795004	3
27	Multi-Scale Vulnerability Assessment to Climate Variability for Adaptation Planning	Prof. Nongmaithem Rajmuhon Singh, Professor, Department of Chemistry, Manipur University, Canchipur- 795003, Manipur	3
28	Adaptive Water Balance Schematization At Sub-Basin Scale For Dynamic Climatic Variations In Manipur IHR Region	Dr. Ngangbam Romeji Singh, Assistant Professor, Dept. of Civil Engineering, National Institute of Technology Manipur, Langol, Imphal – 795 004	3
29	Climate Change assessment using measurement of meteorological parameters, availability and quality of water in selected areas of Meghalaya	Dr. Atul Saxena, Professor and Head, Department of Physics, North-Eastern Hill University, Shillong, 793022 Meghalaya,	3
30	Assessment of climate change impact on soils and various water basins of Meghalaya using existing and newer techniques	Dr. Paresh Nath Chatterjee Assistant Professor, Department of Chemistry National Institute of Technology, Meghalaya, Shillong-793003	3
31	Human Capacity Building Programme titled “Climate Adaptive Planning for Resilience and Sustainable Development in Multi-hazard Environment (CAPRES)	Dr. Anil K Gupta National Institute of Disaster Management, New Delhi	3
32	Establishment of Bihar State Knowledge Management Centre on Climate Change (SKMCC)	Shri. Santosh Tewari Department of Environment and Forests, Govt. of Bihar	5