



International Conference on  
**Climate Change Impacts,  
Vulnerabilities, and  
Adaptation: Emphasis on  
India and Neighbourhood**

**CCIVA 2019**

26 February - 02 March 2019 (Tue - Sat)



Centre for Oceans, Rivers, Atmosphere and Land Sciences (CORAL)  
Indian Institute of Technology Kharagpur (IIT KGP)  
West Bengal 721302, India.

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## INTRODUCTION

Climate change, in recent decades, has significantly affected the natural and human systems in all continents and across the oceans. Unprecedented climate-related extremes, such as heat waves, droughts, floods, cyclones, wildfires, shifts in climate zones and seasonality, and increase in sea level and temperature, have been reported from many parts of the globe. As these ill effects intensify, they will increasingly cause cascading impacts in coming decades which include alteration of ecosystems, disruption of food production and water supply, damage to infrastructure and settlements, morbidity and mortality, and consequences for human health and well-being.

Climate change poses significant stress on the coastal, island, and marine environment too. Besides the increase in ocean temperature and sea level rise, climate change will have the impact on ocean circulation patterns, ice cover, freshwater runoff, salinity, oxygen levels, and water acidity. Corals in tropical and shallow water regions will suffer from bleaching due to increase in ocean temperature and acidity. The consequences of climate change will be far reaching in Asian countries, especially regarding the maximum loss of land area, the maximum number of people affected, and highest economic loss.

In order to deliberate on the above issues, an International Conference on “Climate Change Impacts, Vulnerabilities, and Adaptation: Emphasis on India and Neighbourhood (CCIVA 2019)”, will be hosted at the Centre for Oceans, Rivers, Atmosphere and Land Sciences (CORAL), Indian Institute of Technology Kharagpur (IIT KGP), West Bengal, India, from 26 February to 02 March, 2019. It is expected that the researchers in this scientific gathering will, apart from discussing their research findings and experience, help in finding appropriate, cost-effective solutions to problems from climate change, and identify possible adaptation and mitigation options.

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## CONFERENCE THEMES

### Climate Change

- Causes and Consequences
- Earth and Satellite Observations, Geoinformatics, and Modelling
- Ocean Dynamics and Processes
- Cryosphere
- Asian Monsoons with Emphasis on Extreme Weather Events Including Floods and Droughts
- Biodiversity, Vegetation, Fishery, and Marine and Land Resources
- Human Impacts (Fertilizer Runoff, Waste Water Discharge, etc.) on Coastal Ecosystems
- Coastal and Island Vulnerability
- Hypoxia, Eutrophication, and Ocean Acidification
- Impacts on Urban Planning
- Mitigation and Adaptation
- Health, Societal, and Economic Issues

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## ABSTRACTS

Researchers interested in participating in this Conference are requested to submit abstracts (with title, authors, affiliations, and keywords) of their proposed papers. The abstracts should be prepared in MS Word (A4 size, 1" margins, Times New Roman 12 points, 1.5 line spacing) and send to [CCIVA2019@coral.iitkgp.ac.in](mailto:CCIVA2019@coral.iitkgp.ac.in) before 28 January 2019. Selected abstracts for presentations will be intimated via email after 31 January 2019. Further details of the Conference can be found in the website <https://sites.google.com/view/cciva2019>.

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## REGISTRATION FEE

The registration fee includes Conference kit, breakfasts, lunches, dinners, coffee breaks, Conference gala dinner, and field excursion. Registration fee can be paid through the IIT Kharagpur link

<https://erp.iitkgp.ac.in/CEP/courses.htm>. Also, email a copy of the proof of payment to [CCIVA2019@coral.iitkgp.ac.in](mailto:CCIVA2019@coral.iitkgp.ac.in).

- For scientists/officials from academia/others: Rs. 3000/-
- For international participants: USD 500
- For students: Rs. 1000/-

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## VENUE

The Conference will be held at the Indian Institute of Technology Kharagpur (IIT KGP). It is about 140 km (2 hours and 45 minutes by car) from Kolkata Airport and about 5 km (10 minutes by car) from Kharagpur railway station. Taxicab or autorickshaw can be hired from the railway station to reach the Institute. The weather in Kharagpur during February and early March is enjoyable with minimum and maximum air temperatures of 15-16°C and 28-29°C, respectively.

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## ACCOMMODATION

Limited accommodation will be available in IIT Guest Houses and Students' Hostels.

### New Technology Guest House

Double room with double occupancy (AC):

Rs. 1500/- per day

Double room with single occupancy (AC):

Rs. 1000/- per day

### Visveswaraya Guest House

Double room with double occupancy (AC):

Rs. 600/- per day

Double room with double occupancy (Non AC):

Rs. 300/- per day

Dormitory per bed (Non AC): Rs. 150/- per day

### Hostel for Students

Single occupancy (Non AC): Rs. 150/- per day

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## IMPORTANT DATES

### Abstract Submission Deadline

28 January 2019

### Abstract Acceptance Intimation

31 January 2019

### Conference Dates

26 February – 02 March 2019

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