

16TH-19TH

MARCH

2026

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An Executive Development Programme organised by A-CUPCB-SPAV

COASTAL RESILIENCE PLANNING AND MANAGEMENT

04 Days | 10 Modules

12 Expert Presentations | Live Case Study

27 Contact Hours | 1.5 Credit Equivalent

Blue Economy

Improved Coast

Resilient Communities



Purpose of the Programme

Coasts are dynamic environmental regions which are continuously modified by the constant action of water and wind on land. Development pattern predictions around the world projects that Asia is likely to witness maximum increase in built-up areas and population concentration by 2030, a major percentage along the low-lying coastal stretches. The Indian coastline spanning 7,500 kilometres, including the mainland and the islands, is heavily concentrated with settlements, coastal industries, ports, major infrastructure investments, tourist destinations etc. within 50 kilometres from the ocean. Over the years the Indian coast is prone to the increasing frequency and intensity of coastal hazards such as tropical cyclones, storm surges, sea-level rise and coastal erosion. Considering the eco-system sensitivity, the vulnerability and the development significance of this environmental region; this common resource is often degraded and thus necessitates effective coastal resilience planning and management.

This Executive Development Programme (EDP) aims to equip participants with the knowledge and skills required to develop and implement strategies that enhance the resilience of coastal regions and communities through effective planning and management. The EDP session will be highly interactive, combining theoretical knowledge with practical applications.

Key highlights

- Tools and techniques
- Spatial Analysis in GIS
- Interactions and lectures by experts from academia and practising professionals
- Concepts and principles of coastal resilience.
- Key hazards and vulnerabilities of coastal areas.
- Best practices, innovative solutions in coastal resilience planning and management
- Creating and implementing coastal resilience plans.
- Foster collaboration and knowledge sharing among stakeholders

Targetted Audience

- Academicians
- Practicing Professionals
- Government officials
- Young Planners

REGISTRATION OPEN!

**For registration, Fees and Detailed programme,
Visit: https://acupcb.spav.ac.in/capacity-building/edp_25_04/**

Accommodation for Participants will be provided on request basis.

Registration Deadline : 14th MARCH, 2026 5:00pm

For further details, contact : Asst. Prof. Mr. Rajeev R
+91 8129794964 rajeevnair@spav.ac.in

PROGRAMME STRUCTURE

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Module 1: Introduction to Coasts, Coastal Communities and Coastal Resilience
Module 2: Coastal Zone Ecology and Conservation
Module 3: Coastal Hazards, Climate Change & Compound Risk
Module 4: Coastal Governance: Planning & Regulatory Frameworks in India

17TH
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Module 5: Coastal Vulnerability & Risk Assessment
Module 6: Decision-Support tools for Coastal

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Module 7: Exploring Coastal Resilience Planning through Case-study

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Module 8: Coastal Resilience Planning
Module 9: Sectoral Planning Applications
Module 10: DPR for Coastal Projects and Plans

Patrons

Prof. Dr. Ramesh Srikonda
Director, SPAV

Prof. Dr. Ayon K Tarafdar
Head, A-CUPCB-SPAV

EDP Programme Coordination: Core Team

Asst. Prof. Rajeev R
(Principal Trainer)

Asst. Prof. Dr. Arpan Paul Singh
(Co - Trainer)

Asst. Prof. Dr. Anurag Bagade

Prof. Dr. Ayon K Tarafdar