

Asia Hub and CIAERA Annual Meeting 2024

November 12-15, 2024 | Centara Riverside Hotel, Chiang Mai, Thailand



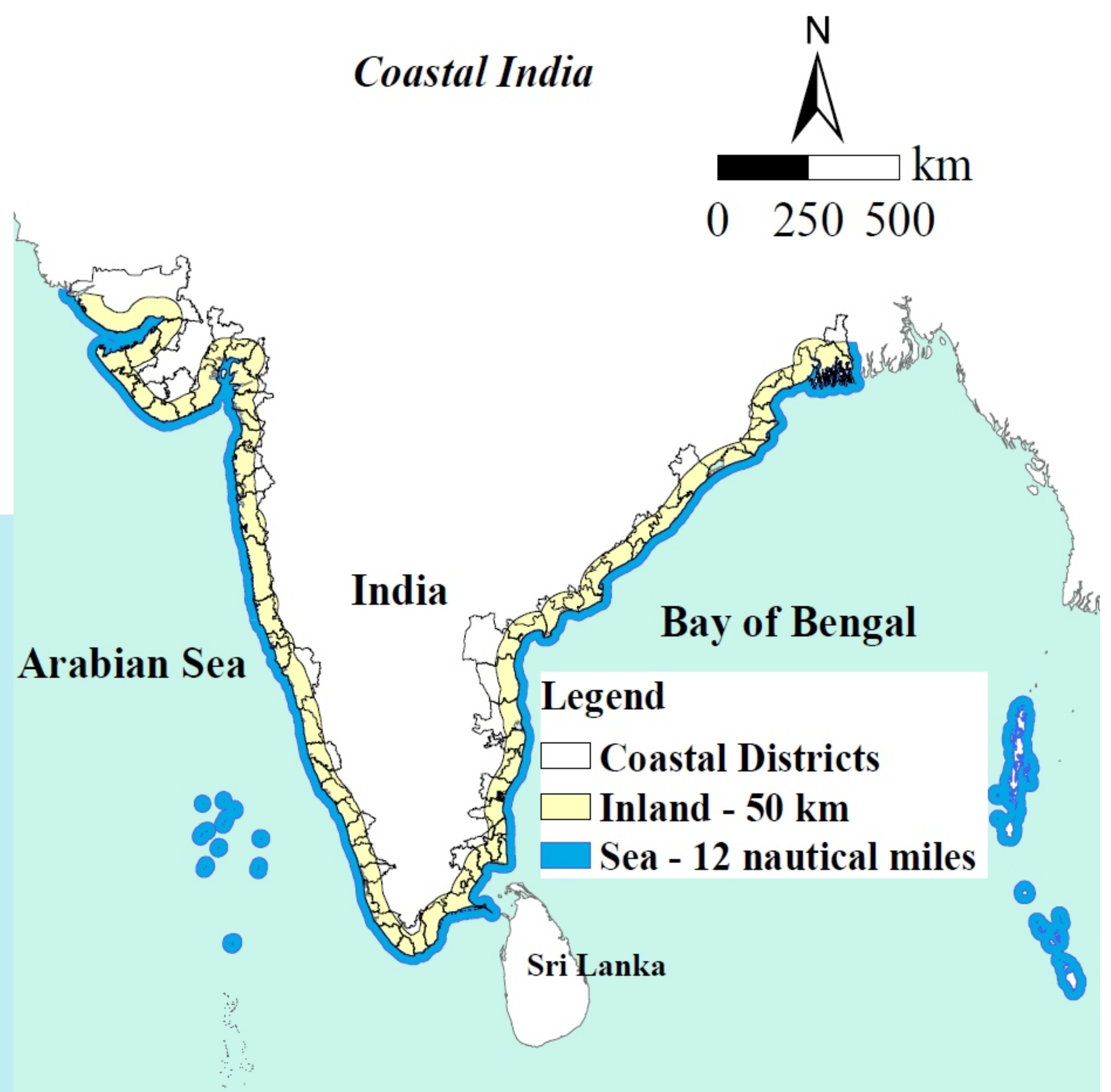
Institution / Affiliation

ICAR-Central Coastal Agricultural Research Institute, Goa, India (<https://ccari.icar.gov.in>)

ICAR - Central Coastal Agricultural Research Institute is one of the research institutes established under Indian Council of Agricultural Research (ICAR), New Delhi. ICAR is an autonomous organization under Department of Agricultural Research and Education (DARE), Ministry of Agriculture and Farmers Welfare, Government of India.

Mandate of the Institute

- 1** Researches on field and horticultural crops, livestock, and fisheries relevant to natural resource base of coastal India for sustainable productivity
- 2** Develop climate-resilient land use and farming systems for improved and sustainable livelihood through coastal agriculture
- 3** To act as a center of Agro-ecotourism



Profile of the Coastal Ecoregion

- Coastal ecosystem** - complex environment of interactions among living organisms and their physical environment where land meets the sea
- Transition zone** - marine and terrestrial ecosystems interact with each other
- Land area** - up to 50 km inland from the coastline
- Ocean area** - up to 12 nautical miles from the shoreline

Functional Research Groups

- Natural Resource Management
- Crop Science
- Horticultural Science
- Animal & Fisheries Science

9 states, 2 UTs 82 districts	Coastline 7517 km (5422 km mainland)
32.88 million ha (10% TGA) Degraded lands- 10.4 m ha	4 Agro-ecological regions
19.5 crore population (16%)	53 major crops 6 major livestock, Fisheries
9.6 crore livestock population (19.5%)	Biodiversity hotspot 'Western Ghat'- Conservation

Challenges in Coastal Region of India

West coast	East coast
Gujarat (16)/ Maharashtra (7)/ Goa (2)/ Karnataka (3)/ Kerala (10)/ UT (3)	West Bengal (3)/ Odisha (7)/ Andhra Pradesh (12)/ Tamil Nadu (15)/ Pondicherry (4)
Excess rainfall, flash flooding	Turbulent sea/ cyclone/ super cyclone
Rainfall - 2162 mm	Rainfall - 1233 mm
Water scarcity-post-monsoon & summer	Water scarcity- post-monsoon & summer

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