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Ongoing Strategic Ecological Assessments for India's Sustainable Future (2023-24)

The Centre for Interdisciplinary Studies on Mountain & Hill Environment (CISMHE) is at the forefront of India's sustainability transition through its comprehensive Environmental Impact Assessment (EIA) consultancy programmes. In the ongoing period of 2023–24, CISMHE has been actively engaged in a series of sustainability-driven ecological assessments across multiple environmentally sensitive regions, covering key river basins such as the Ganga, Teesta, Sharavathy, Indravati, Kolab, and Godavari. These studies focus on diverse and fragile ecosystems—including montane forests, riverine corridors, upland catchments, and aquatic habitats—that play a vital role in regulating biodiversity, climate resilience, and water security.

Our current work encompasses critical ecological surveys that feed into national-level infrastructure and energy planning. These initiatives are designed not only to comply with regulatory frameworks but to promote a holistic sustainability ethos—ensuring that infrastructure growth is ecologically informed, socially inclusive, and economically prudent. The assessments generate robust scientific data on habitat integrity, species diversity, ecosystem services, and carrying capacities, guiding sustainable development trajectories that align with India's commitments to biodiversity conservation and climate adaptation.

These efforts directly contribute to multiple dimensions of national progress. Environmentally sound infrastructure planning enhances GDP through green economic growth and job creation, while protecting natural capital that supports agriculture, fisheries, and traditional livelihoods. At the same time, social equity is reinforced by safeguarding the ecological lifelines of rural and indigenous populations. Above all, these programmes enhance India's ecological security—ensuring that development remains within the thresholds of nature's resilience.

CISMHE's ongoing sustainability programmes reflect a visionary model for environmental consultancy—where science, policy, and development converge to secure a thriving and just ecological future for the nation.

Director
CISMHE