

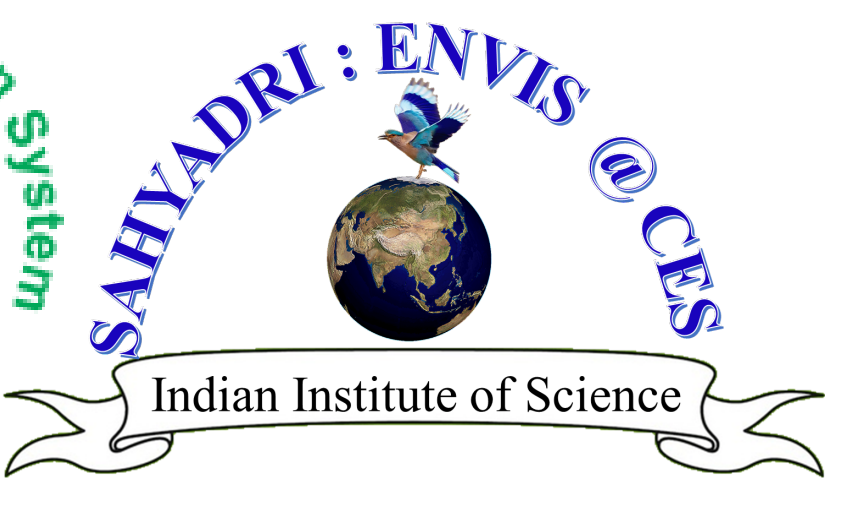
सत्यमेव जयते



Centenary Pond in Indian Institute of Science

Energy and Wetlands Research Group, Centre for Ecological Sciences,
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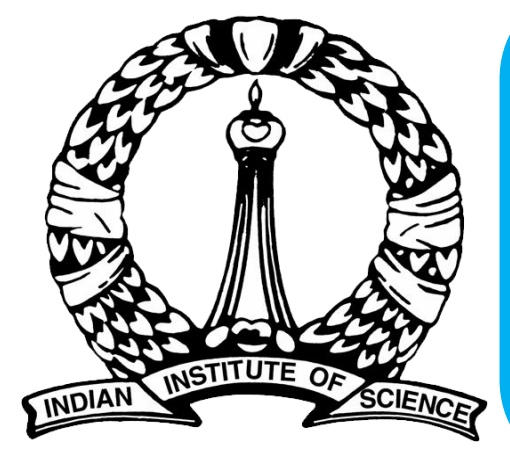
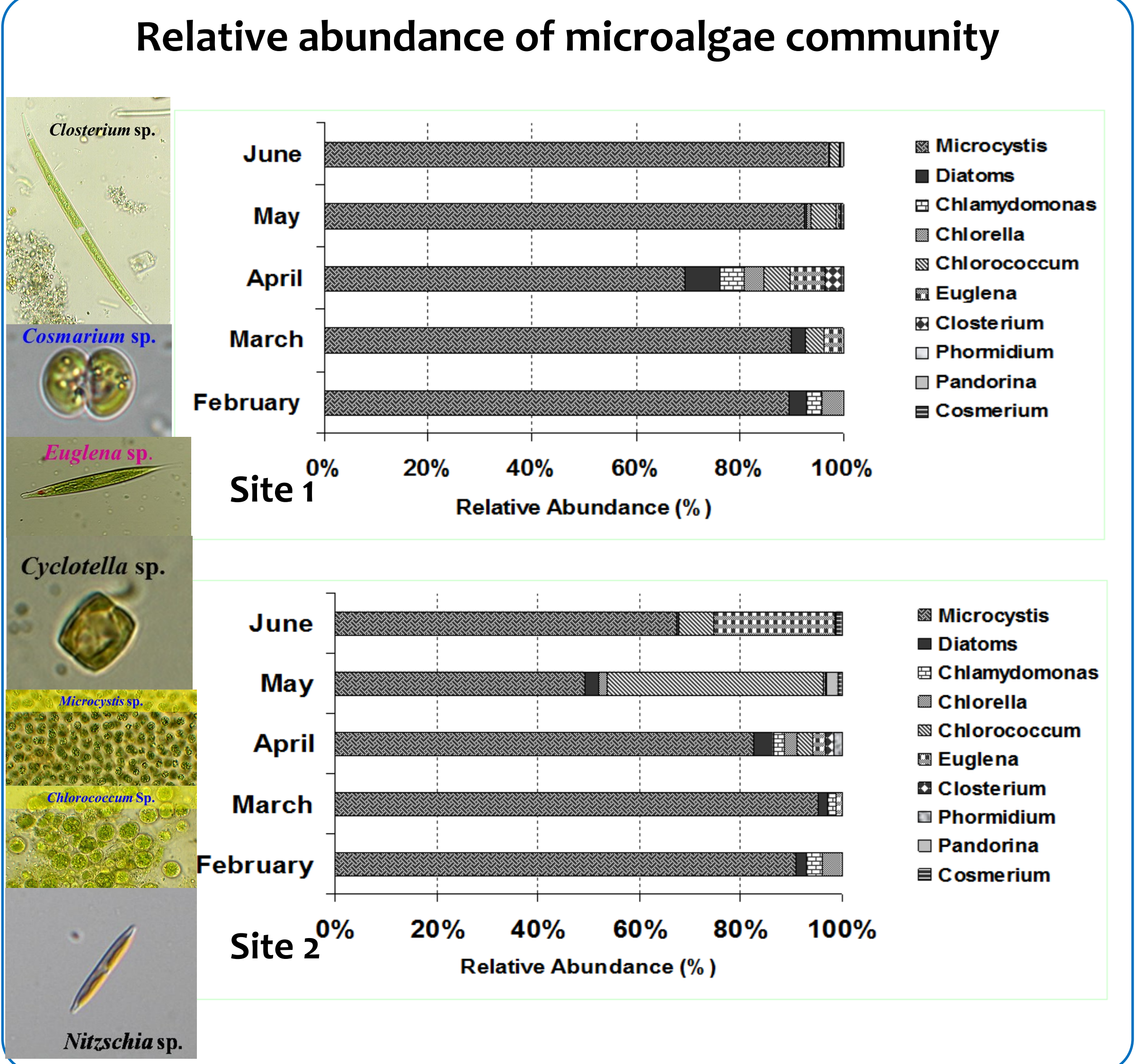
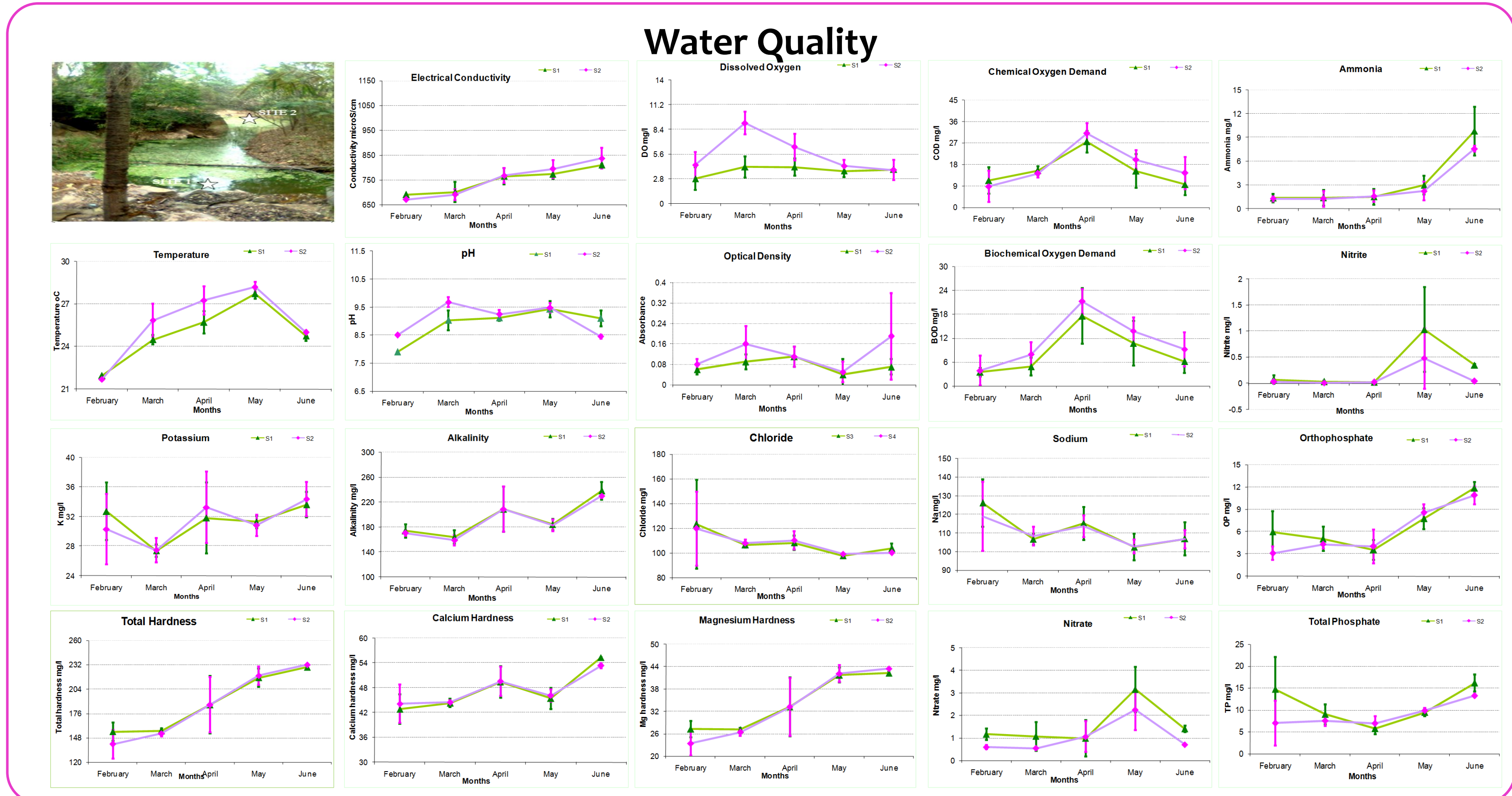
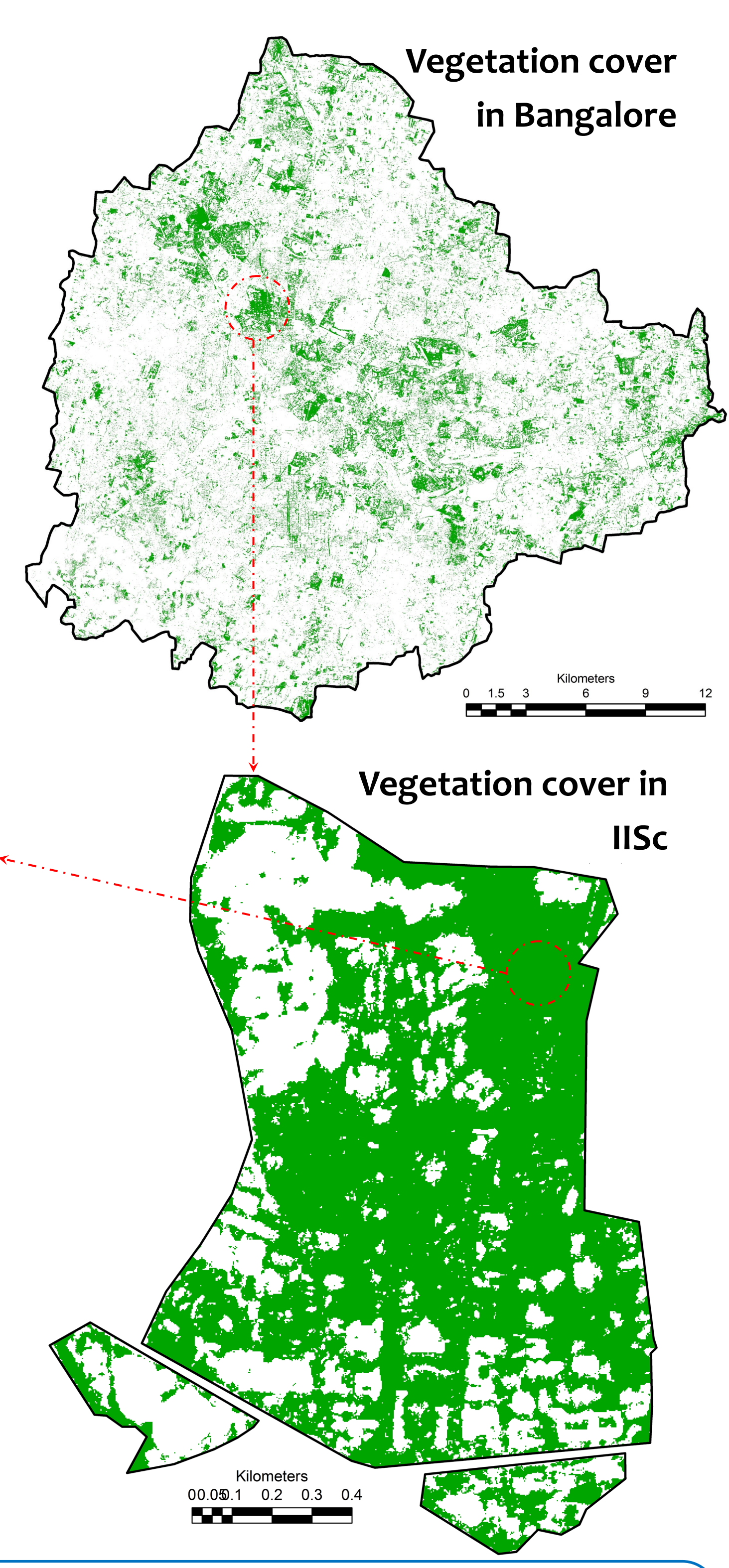
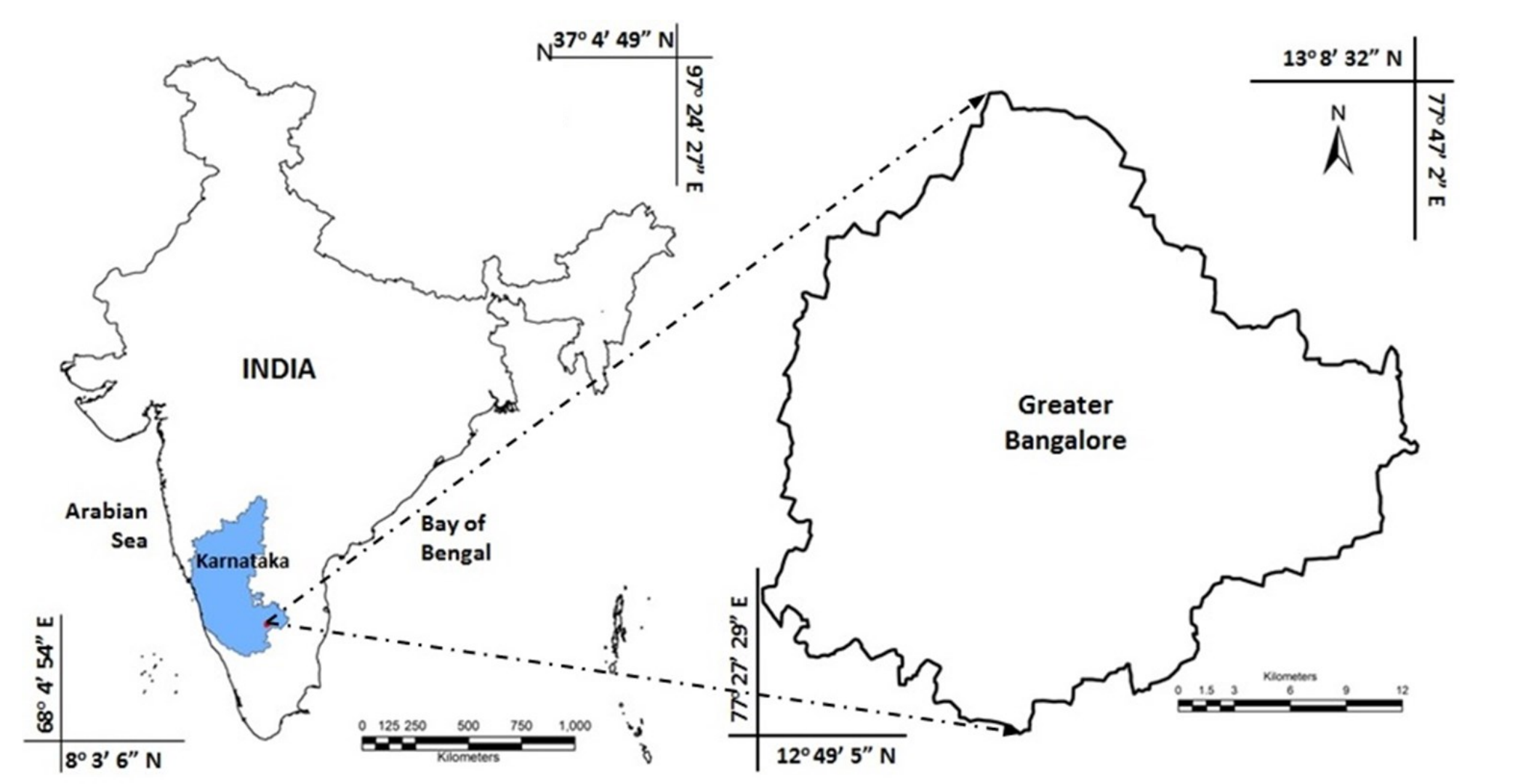
Url: <http://wgbis.ces.iisc.ernet.in/energy/>



- Lakes, artificial or natural, hold water, helps in recharging sub surface waters, and help in maintaining balance.
- Habitat for diverse birds and other biota.
- Ground water table improvement
- Natural vegetation (Forests) helps in maintaining water in the lake and there by catering to the post monsoon water needs.

IISc located at North western part of Bangalore (BBMP), with an area of 180 Ha.
 Lake was created in Jubilee Gardens of IISc on April 2008, named **Centenary Pond** (13° 1' 16.78" N, 77° 34' 14.96" E)
 Area of Pond at FRL: 1.5 Ha, depth : 3m, water holding capacity : 48,000 cum
 Created to : Harvest rain water, provide habitat for aquatic flora and fauna, recharge ground water table.
 Vegetation in the campus : 107.85 Ha, with mini forest of 1.5 Ha
 Homes several reptiles, mammals, birds, insects and many more faunal species

Objective : To depict the ability of water bodies in recharging ground water, creation of micro habitat by creating a well planned artificial lake.



- Improved Ground water table in surrounding localities (from over 400 ft deep to about 100 ft deep)
- The water quality has improved due to the nutrient uptake by algae and duck weed .
- Area of IISc is equivalent to that of any ward of BBMP, and hence similar initiatives needs to be taken up in most of the wards in the urban pockets of India.

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