



Biodiversity and Ecosystems Services Valuation of the Tibetan Plateau of Ladakh Region using **IPBES** and **NCP** Concept

2021

Dr. Tania Bhattacharya, Prof. Shunsuke Managi, Pranav Sinha
The Celestial Earth

The Study was undertaken for the BDES valuation of The Changtang Region of the Tibetan Plateau situated in the Indian Trans Himalayan area of Ladakh, India. In spite of a severe and extreme dry climate, it has a very rich biodiversity & a strong cultural heritage.

The study used IPBES methodology with NCP approach including the natural capital accounting (NCA), principle of Inclusive Wealth (IW) along with the traditional Travel Cost method to capture the overall valuation of the ecosystem of this region. The study with the ecosystem and biodiversity valuation plus NCP approach not only estimated the economic value of the different Ecosystem Services but captures the values of age old traditional knowledge & culture of the nomads and other indigenous tribes here.

Given the unique ecosystem and biodiversity characteristics and its multiple ecosystem services, it was important to assess the values of the ecosystem services and biodiversity of Changthang and support the government and local communities in their policy design.

