

Management, protection, conversation, and restoration marine and coastal zone ecosystems --- Practice and suggestions from China

Zhang Zhanhai June 28, 2022



Policy and planning

Master Plan for The Protection and Restoration of Major National Ecosystems (2021-2035)

Coastal Ecosystem Protection and Restoration of Major Engineering Construction Planning (2021-2035)

Opinions on Encouraging and Supporting Private Capital to Participate in Ecological Protection and Restoration



Protection and Restoration

58 "Blue Bay" improvement projects

24 coastal zone protection and restoration projects

61 ecological restoration projects for the Bohai Sea

271 Marine nature reserves



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Dongtou, Zhejiang

1.57 million square meters of dredging was completed

105,100 square meters of sand beach was repaired

23 kilometers of Marine ecological corridor was built

0.28 square kilometers of mangrove were planted

5.69 kilometers of sewage pipe network were repaired



Comparison of Chieco 'ao Beach before and after



Comparison of sanpan fishing port before and after



28,000 species of marine species were recorded

more than 50 national marine reserves



more than 240 species migration and wintering waterfowl every year

3 migratory bird routes



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International co-operation

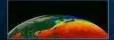


SatCO

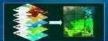
海洋遥感在线分析平台(SatCO2专业版)

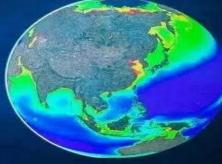
长时间序列、海量多源遥感数据共享及在线便捷分析支持

- . 特奇深成粉焊件大线基即
- 用户自定义算法和新产品生成
- 海洋二氧化碳通量计算评估
- 三维球体可视化与科学计算
- 運感、现场及模式数据交互分析
- 开放的专业模块集成









国家海洋局第二海洋研究所,卫星海洋环境动力学国家重点实验室 浙江大学,浙江省资源与环境信息系统重点实验室 18 typical ecological restoration cases in China were released during thee first phase of COP 15.

60 kinds of satellite remote sensing products spanning 30 years.

Seven international training courses

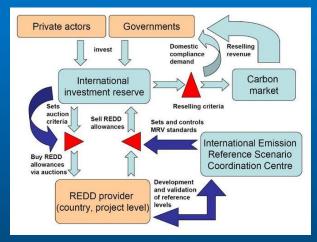
More than 20 countries apply this products.



Suggestion



Technical standards, training courses



Market-based investment mechanism



Marine and coastal zone ecosystem monitoring programs



Global scientific plan for Ocean Negative Carbon Emissions



UCF 全球滨海论坛 World Coastal Forum

和谐共生:携手构建人与自然生命共同体

Harmonious Coexistence: To Build a Community of Life for Man and Nature

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THANKS