[Session 5]
Ecosystem Based Adaptation (EBA) and S-S Cooperation

Dr. Jian Liu
Director of UNEP-IEMP
Topics

1. Why EBA and S-S Coop

2. Making the case

3. Suggestions
1. Why EBA and S-S Coop

- EBA: an approach to work with nature to maximize ecosystem services for adaptation and build ecosystem resilience, for human well-being.

- EBA in existence since CC, proposed at COP14, now accepted as the cost effective approach.

- Developing countries are more dependent on ecosystem services and face common conflicts of conservation and livelihood, have solutions in common to adapt with nature.
Combating Desertification in West Asia
China’s Green Wall in Takalamakan Desert
EBA project to address flood and erosion in Rwanda
China Grain to Green Programme since 1999

Before 1980s

1980-2000

2009
Science based long term restoration in South Africa

Chinese Ecosystem Research Network: A network of 25 year experiences in ecosystem monitoring, research and management

Microclimate observation

Eddy covariance monitoring

Bowen Ratio

Soil moisture monitoring wells

TDR

Comprehensive observation field
Topics

1. Why EBA and S-S Coop

2. Making the case

3. Next steps
2. Making the case

- **UNEP-NDRC GEF-SCCF project** “Enhancing Capacity, Knowledge and Technology Support to Build Climate Resilience of Vulnerable Developing Countries”
  - New dimensions: EBA/GEF and SSC/UNFCCC
  - China contribution: co-finance and technology transfer
  - Multi-Scale: three pilot countries - two regions - global impact
  - Comprehensive design: EBA technology transfer, capacity building, knowledge sharing.
2. Making the case

- Project launched in April 2013 in Beijing
- All stakeholders attended, Mauritania, Nepal, Seychelles, GEF, UNEP, UN-China, ACPC, APAN, NDRC, MOF, CAS...
2. Making the case

- 2 workshops EBA and regional networking, 60 participants from 16 countries and 15 networks, plus GEF, UNEP, NDRC, UNDP, UNFCCC, IUCN...

- Recognized the project as the “First mover” of EBA under GEF guidelines, and of SSC under UNFCCC
2. Making the case

At COP19, a high-level Roundtable on Ecosystem based Adaptation in the context of S-S cooperation based on the project,

- Project, a UN collective effort on EBA/SSC;
- Promotes role of GEF/UN in support of SSC
- Hi-level consensus reached on the roles of EBA and SSC on CC
Topics

1. Why EBA and S-S Coop

2. Making the case

3. Next steps
3. Next steps

- Integrate EBA/SSC into NAPs process, starting with pilot countries/regions
- Promote N-S, S-S and triangular Coop, using more multilateral funds as incentives
Thank you very much!

Contact: Jian.liu@unep.org