

Strengthening and contributing to existing U.S. and international partnerships and initiatives

- What needs to be addressed within this action item?
 - Good student exchange programs
 - Data sharing and exchanging
 - ERA-NETs, GHG, Water, Food & Ag
 - “We Adapt”
 - EWG on GxExM
 - Expect working group wheat list
 - WOCAT
 - LTAR
 - USDA
 - Long term Ag Network
 - (COI) Community of Interest
 - Existing initiatives: Climate hubs, climate smart Ag, LTAR, LTET, CZO, LRA, GPC (Global Planet Council), GCAR
 - AGMIP
 - “Desertnet”
 - Dry lands
 - GNDRI
 - ISCN (International Soil Carbon Network)
- What?
 - Be patient! International collaboration takes time.
 - We need:
 - Traditional knowledge
 - Good practice
 - Collaboration for improvement
 - Develop well defined objectives, prioritize
 - Clear communication pathway
 - Clear leadership
 - Don’t duplicate but build on these partnerships and collaborations
- 3\$ opportunity clearing house
 - Make contacts and start collaborating without waiting for funding. The funding will come
 - Write collaborative projects
 - What needs to be addressed:
 - Common projects – coordinated funding opportunities
 - What to do?
 - Identify the problem, e.g. drought tolerant heat resistant cultivars required under water tap stream
 - Design strategy to have a solution that problem locally, regionally and internationally.
 - Identify funding sources and international organizations that would support the work
 - Technology exchange workshop
- To expand network
 - Involve scientists from different research centers around the world and in the planning process of these initiatives not just invite them they exist
 - Seek buy-in to enable and get started

- Make a canaous effort to move beyond easy networks when inviting people to conferences like this and use tools like research gate, ask international students about their home institutions, scholarships, etc.
- Funding mechanisms that enable/enhance collaboration specifically with CGIAR
- Inventory: existing, communicating
 - Identify key people and organizations- their prime initiatives and contact info for follow up and engagement.
 - Identify most approprietly existing networks and steps to link. (network of networks)
 - Identify good existing collaboration partnerships
 - Describe specific ways that we could help each other's efforts (eg recommended contacts, possible resources opportunities, etc.)
 - What we need to do: make collaboration among national and international societies
 - Are there important events that should be considered as agenda setting rationales?
 - Prioritize SWOT
 - Identify gaps/opportunities for new partnerships
 - Synthesis of existing efforts across country and internationally
 - Common protocols
 - Assess what each partner has in the tool kit (USDA toolkit vs. local toolkit), and work to add to each other's toolkit.
- Why is the action item important/why should it be addressed?
 - Partnerships between US/ Europe/Aust. Etc... , higher education, institutes and CGIAR, for enhanced science in research for development.
 - Partnering with existing initiatives helps us to avoid re-inventing the wheel of potent actions.
 - To involve developing work
 - Sharing experience and best practices
 - I believe in the interconnectedness, therefore, collaboration between global dwellers is critical especially in the existence of research capacity inequality.
 - Adapting to climate change is a local, national and international imperative – partnership can accelerate successful actions.
 - Enhances opportunities for grad networking and training.
 - Limited funding so need to make the most of collaboration, try to bring everyone up to speed as some groups may be further advanced on some issues, 1+1=3.
 - There is a synergistic power in collaborating with others working on the same/similar objectives.
 - Avoid duplication of effort.
 - Clearly to work the topic well requires many disciplines which reside in different places.
 - Increase number of points of view, number of environmental conditions => better models, understanding of extremes.
 - Extends impact of conference
 - Resources
 - To get better understanding of how different systems are responding to management of climate change.
 - Because everyone talks about interdisciplinary work, but partnerships are normally silo'd into subjects.
 - Because it's hard to engage scientists in developing countries and allow them a voice in the scientific process.

- Problems are common internationally so it is important to join forces to solve problems in a coherent manner.
- To reduce the knowledge gap between developed and developing worlds.
- Huge problem, limited resource, efficient use of resource
- Potential synergies gained
- International partnership and communication identifies unique climatic, ecosystem controls on climate change. Adaption/Impact.
- Builds scientific understanding