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
  - Mate contacts and star 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
  - Involved 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 canuous 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 appropriately 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