

Report Out: Future Directions for TE Research

Priming questions for the discussion:

What have we been doing well, i.e., what are our strong points?

What are our weaknesses and deficiencies?

What should be our science priorities for the future?

What interdisciplinary subjects should be highest priority?

We do not advocate policy but we do provide the fundamental scientific information needed for informed policy making. How can we do this better?

How can we improve our interactions with the applied community, decision support, and stakeholders?

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Main Highlights:

- TE has made big improvements in connecting with stakeholders
 - but still a long way to go
- Good job supporting diversity of models
- More confrontation/interaction of observational data with models
- Lots of discussion about characterizing, managing, reporting uncertainties
 - but still a long way to go
- Need new models for new types RS data

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Main Highlights (continued):

- It's a benefit to sometimes have a geographic focus
Can there be more coordination among programs?
- Understudied regions: Asia (S, SE), global savannas, moist tropics + Africa
- Data infrastructure: archiving, DAACS and AWS, implementation of similar to Google Earth Engine, ensemble modeling + data
- Community interest in solicitations that target multi-mission synthesis
- IDS managed landscapes, disturbance and disasters, biodiversity