# [Leveraging Earth Science Data and Analytics in Food Systems - Molly Jahn, University of Wisconsin](#) **[1]**

Submitted by Annie Keyes on Tue, 2014-12-30 12:18   Tuesday, January 6, 2015 - 08:15 to 08:45
**Event:** [Winter Meeting 2015](#) [2]
**Session Type:** [Plenary](#) [3]
**Expertise Level:** [Beginner](#) [4]
**Notes:**   - for 150 yr had a stragey in food sytem focused on yield - maximize short term yield
  - currently have enough productively to produce enough food for all people and even for 9 billion by 2050.
  -if drive harder, need to address waste and depition.  Agric productive is only 1 part of the system
  recommendation 7: Create comprehensive, shared, integrated information system that encompass human and ecological dimensions
  Note: expect major spikes in demand - examples to show new demand
  Nimble systems to scan integrated information patters for detection and interventsion - need to get to pre-bang.  need for safer space or resiliance
  Q - food security and animals - require key definitions - the relationship of food security to health is important

**Notes takers:**

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