Global Sustainable Development Report

GSDR 2019

Science for Sustainable Development
Sounding the alarm bell:

The need to scale-up and accelerate implementation
Moving forward:
➢ address trade-offs
➢ harness co-benefits
➢ turn vicious- into virtuous cycles
3. Knowledge-based transformations to sustainable development

Pathways to Transformation as context-specific configurations of levers to achieve transformation in each entry point

Each entry point:
✓ Impediments
✓ Levers
✓ Integrated and context-specific pathways
✓ Call to Action
Building sustainable food systems and nutrition patterns

**Pathways**

- Food systems and nutrition patterns

**Levers**

- Social protection floors
- Integrating social & env. externalities
- Governing value and supply chains
- Insurances against shocks
- Improved trade agreements
- Market access
- Reducing food waste
- Changing dietary habits
- Lower environmental impacts
- Access to information and data
- Infrastructure and transportation

Photo Credit: Xun Wang and Xin Zhang, University of Maryland
4. The role of science in knowledge-based transformations to sustainable development
1. The 2030 Agenda: shared compass to harness advances of science and technology
   - Guidance from SDGs
   - International scientific assessment
   - Beyond the (17) Goals

2. Sustainability science
   - Transforming Science institutions
   - Mobilizing existing knowledge
   - Education for sustainable development

3. Partner for Transformation
   - Forging new partnership
   - Boosting capacity in the global South
   - Advancing research in society