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FROM THE AMERICAN PEOPLE

# United State Agency for International Development (USAID)

USAID, an independent USG agency, furthers U.S. foreign policy by promoting broad-scale human progress, advancing free and democratic societies, and creating markets and trade partners for the United States.

USAID works collaboratively in over **80 developing countries** focusing on:

- Climate Change
- Food Security
- Global Health
- Energy
- Science & Technology
- Water
- Biodiversity
- Disasters
- Education
- Resilience





## Open Innovation

- Launched Grand Challenges for Development: Saving Lives at Birth, All Children Reading, Powering Agriculture, Making All Voices Count
- Prizes and Open Innovation
- LAUNCH Innovation Program with NASA

## Transformational and Collaborative Research

- Enhanced collaboration with federal science agencies like NASA, NSF, NOAA, USGS, NIH
- Programs to support these efforts like PEER with NSF and NIH

## Office of Science and Technology

## Higher Education Solutions Network

- Established a network of universities that will bring new solutions, data and analytics to the Agency
- Leverage creativity of students

## Data and Analytics

- Use Futures Analysis to identify emerging global trends and align our development programs
- Employ GIS support to Agency planning, monitoring, and evaluation
- Advance cutting-edge data and analytics to enhance programming and development impact

## Slide 2

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I like this graphic!

Viguerie, Kathryn (PPL/S&T:TMG); 08.02.2013



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## 10 Essays on Futures Analysis for Development



<http://www.usaid.gov/sites/default/files/documents/15396/TheFutureCantWait.pdf>



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# The Zeta: 7 Future Development Trends

- “Technology-Driven” Trends
  - Big Data & Analytics
  - Health Innovations
  - Inventive Technologies
  - Advanced Manufacturing
- “Systems-Driven” Trends
  - Urbanization & “Smart Cities”
  - Educational Transformation
  - Demographic Shifts





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## Futures Analysis *Strategic Shifts*

<b>Traditional</b>	<b>Emerging</b>
<input type="checkbox"/> Laptops for learning	<input type="checkbox"/> Mobile devices for information
<input type="checkbox"/> Building schools	<input type="checkbox"/> Online access to education
<input type="checkbox"/> Strengthening rural communities	<input type="checkbox"/> Building smarter and more resilient cities
<input type="checkbox"/> Expanding health clinics to increase service access	<input type="checkbox"/> Providing online health services at point of service
<input type="checkbox"/> Promoting basic scientific research at universities	<input type="checkbox"/> Engaging faculty & students to solve development challenges
<input type="checkbox"/> Expanding and growing current industries	<input type="checkbox"/> Promoting additive manufacturing like 3D printing
<input type="checkbox"/> Focus on disaster response	<input type="checkbox"/> Integrating development & humanitarian assistance





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# Operational Implications of Future Trends

- Enhance use of **futures analysis** & methods like scenario planning
- Adopt a **systems-based approach** leading to more cross-sectional planning
- Intensify **public engagement** with faculty, students and young millennial problem-solvers
- Boost **public private partnerships**
- Question **assumptions**: Future challenges are more complex, less ordered, & more “wicked”

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by Stephen Dwyer

**The PEOPLE Side of Innovation**

A Live Webinar Featuring: Stefan Lindegaard

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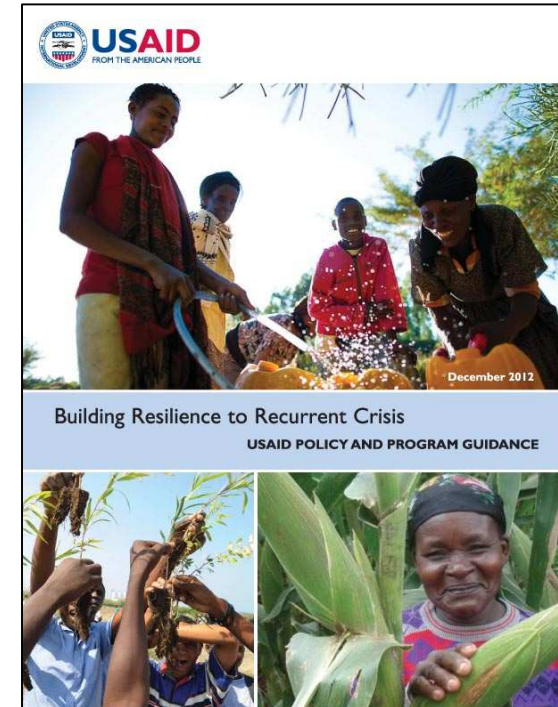
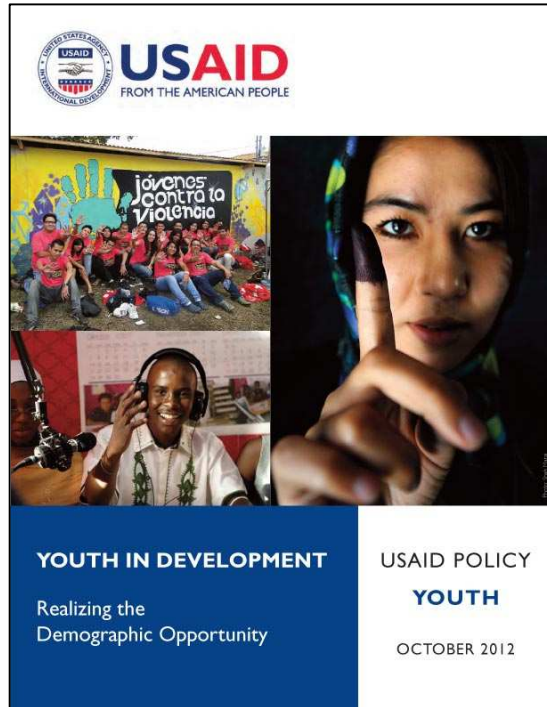
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