



College of Tropical Agriculture and Human Resources
University of Hawai'i at Mānoa

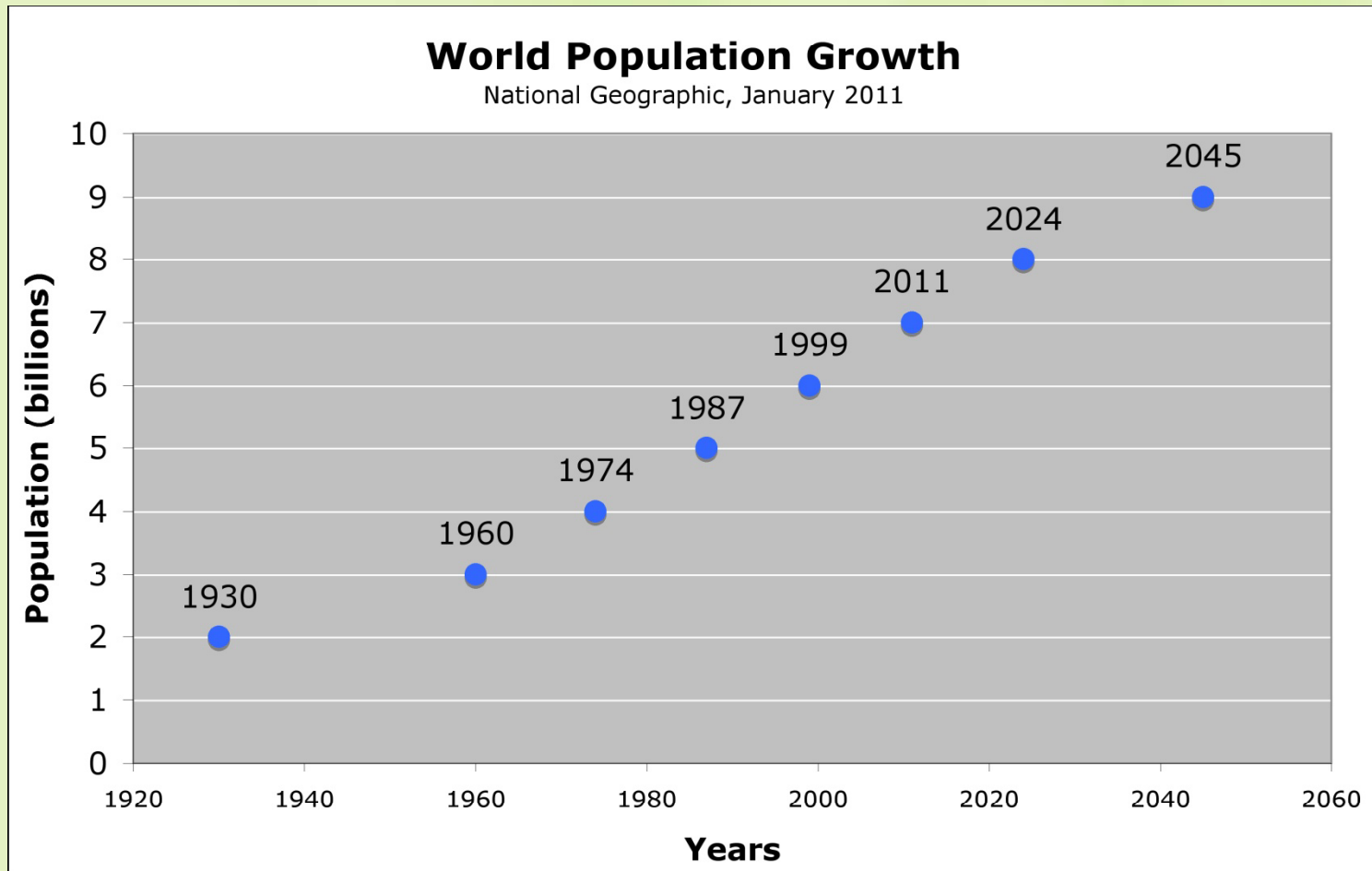
Agricultural Systems: Challenges and Opportunities

Workforce Development Meeting
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Hawai'i State Capitol

Sylvia Yuen, Ph.D.
Interim Dean and Director
College of Tropical Agriculture & Human Resources
University of Hawai'i at Mānoa



Population Growth





Challenges and Opportunities

- Increase in income
- Competition for land, water, energy
- Impact on environment
- Effects of climate change
- Cost of production



Hawai'i

- Vulnerable to food supply disruptions
- 85% of food consumed imported
- Small, diverse farms
- Risk of invasive species



The Agricultural Workforce

- Production
- Processing and distribution
- Food safety
- Agro security
- Research and outreach
- Related fields
- Nutrition and health promotion



Agricultural Workforce Development

- Improve public perception and support
- Develop effective partnerships
- Improve preparedness of students
- Develop articulated academic programs



Research and education: central to sustainable agricultural systems

*We need to engage science at every level,
from the farmer to the fork.*

Dr. Roger Beachy
NIFA Director