

Building Better Science-Policy Interfaces to Stimulate Action on Poverty Eradication, Inequality Reduction, and the other SDGs

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IAP-SPEC Conference

Three Key Areas for National Science Communities and Academies to Focus in Providing Advice for How Science, Technology, and Innovation (STI) Can Strengthen Policy and Action on SDG #1 and #10

- SDG #1 Target 1.3: Social Protection Strategies and Systems for the Vulnerable and Poor (“safety net”)
- SDG #1 Target 1.8: Sound Development Strategies for Countries
- SDG#10 Target 10.1: Income Growth for the Bottom 40%

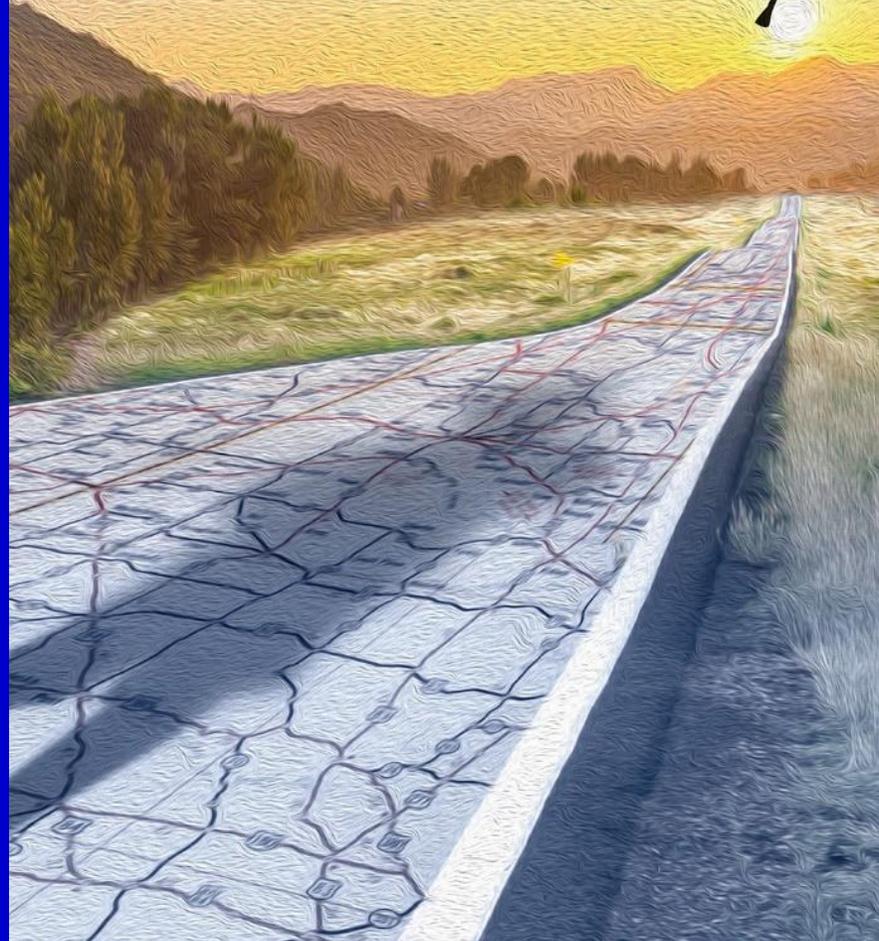
“STI for SDGs” Strategies for Science Communities

- Policy Studies (focusing on key issues, identifying challenges, advising on policies and actions, providing indicators for monitoring progress, evaluating what is working and not working, recommending improvements)
- Roadmaps (engaging with society - government and stakeholders – to produce detailed “STI for SDGs action” plans at the local, institutional, national, and global levels that are continually updated and revised)
- Disruptive Innovation (advising on how to maximize the opportunities and minimize the threats of rapid technological innovation to enable society to accelerate progress and leap over bureaucratic and political obstacles)

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CONSENSUS STUDY REPORT

A Roadmap to Reducing
Child Poverty



SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM

Examining the Evidence to Define Benefit Adequacy



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M E A S U R I N G
P O V E R T Y

**A New
Approach**

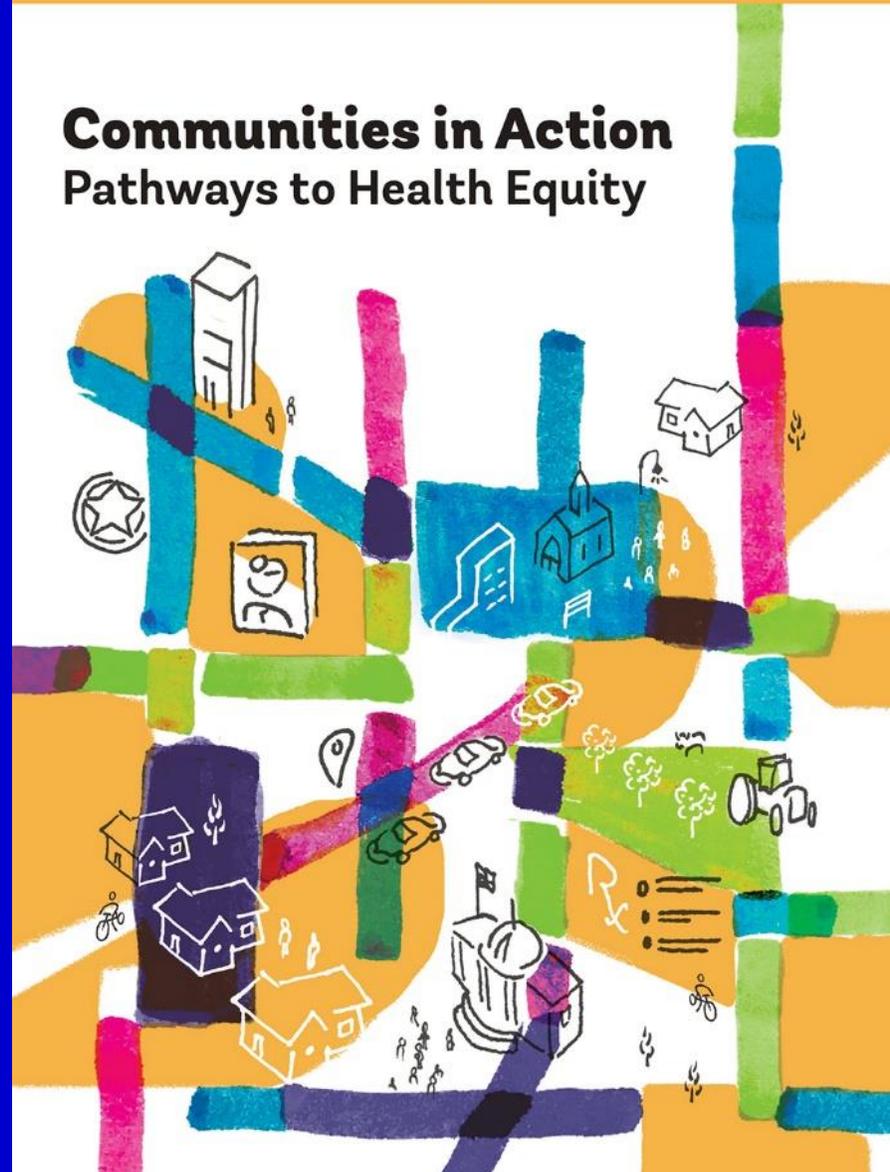
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REPORT

Communities in Action

Pathways to Health Equity



EMERGING TECHNOLOGIES
TO BENEFIT FARMERS IN
SUB-SAHARAN AFRICA
AND SOUTH ASIA



Evaluating

WELFARE
REFORM

in an Era of
Transition



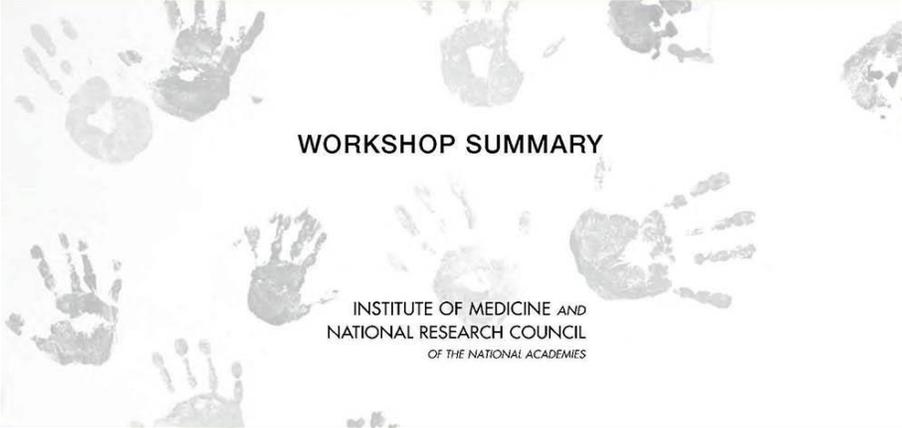
NATIONAL RESEARCH COUNCIL



Preventing
Violence
Against
Women and Children



FORUM ON GLOBAL VIOLENCE PREVENTION



WORKSHOP SUMMARY

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REPORT

The Role of Science, Technology, Innovation, and Partnerships in the Future of USAID



A Guidebook on Development of National STI for SDGs Roadmaps

- Series of Expert Group Meetings (EGMs) in 2018/19 led by the World Bank, the Government of Japan, and the United Nations Inter-Agency Task Team (IATT) on STI for the SDGs
- Near-final draft to be discussed at the final EGM in Nairobi in April and the final draft presented at the Multi-Stakeholder STI Forum at the UN in May
- Final Guidebook to be presented to the UN High Level Political Forum (HLPF) in July and to the UN General Assembly in September

Disruptive Technological Innovation

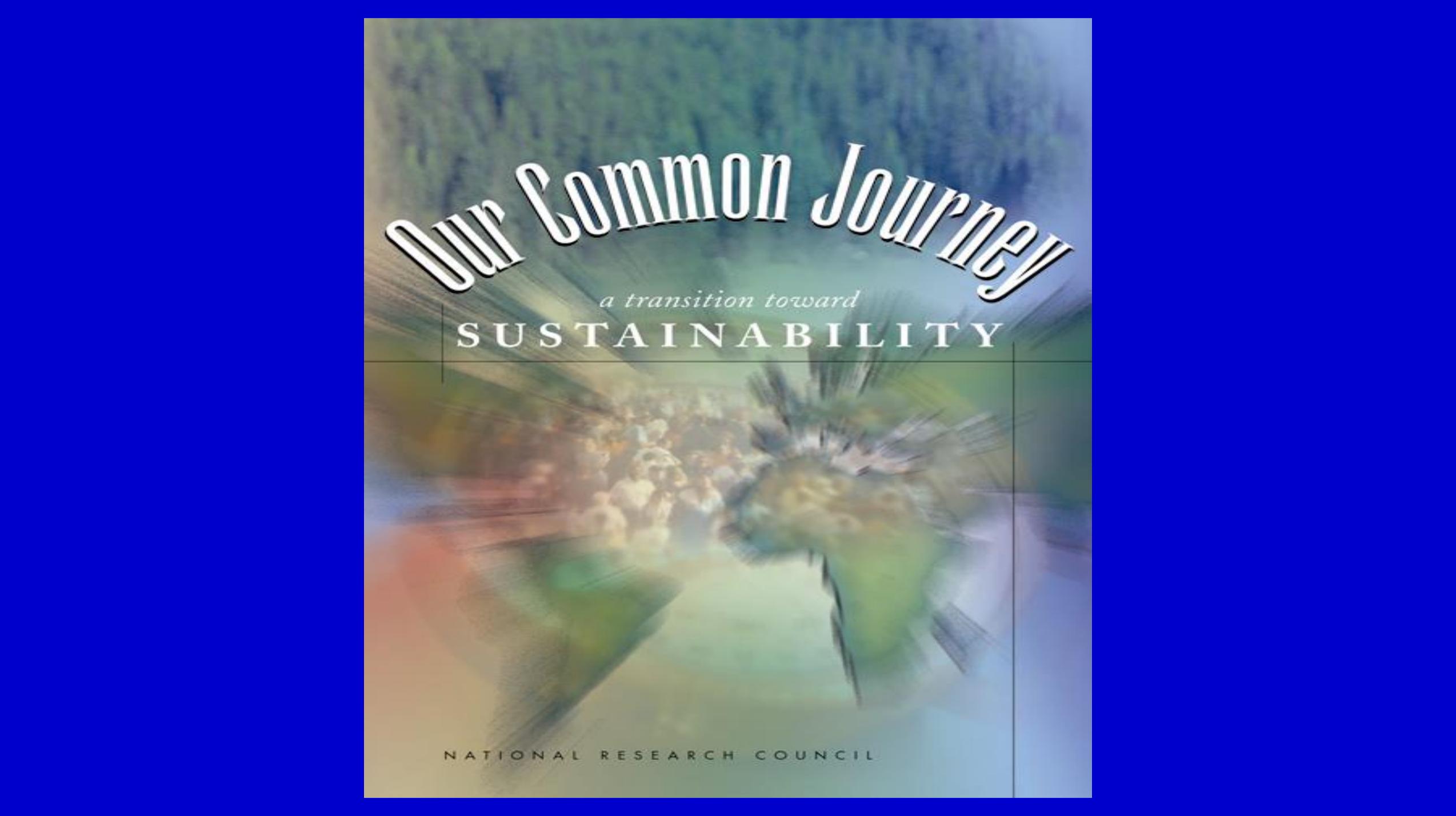
- Advise on the implications of rapidly advancing scientific knowledge and technological innovations that can be disruptive and transformational for societies in order to harness new opportunities and solutions and to deal with emerging threats and challenges
- Enormous array of topics: artificial intelligence (AI), 5G, robotics, gene editing, blockchain, social media manipulation, quantum computing, big data, geoengineering, carbon sequestration, etc.
- Recognizing the downsides is an important as identifying the upsides

A Responsibility the Science Community Cannot Forget

- Provide scientific input on the global constraints to ensure a stable and resilient earth system (atmosphere and climate, water and oceans, biodiversity and ecosystems) to help all countries deliver their share of global responsibilities
- Ultimate success of the 2030 Agenda will be determined by the detailed decisions people make and the actions they take over the next decade, but the SDGs are a great gift in helping us to aim at a desired future and the scientific community can aid in that journey

A Key Challenge for Science Communities

- How can we engage more effectively with all stakeholders in society at every level (government, civil society, business, not-for-profit organizations, professional societies, vulnerable groups, etc.)
- To Listen
- To Communicate
- To Advise and Influence
- To Build Joint Action Plans



Our Common Journey

a transition toward

SUSTAINABILITY

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E. William Colglazier

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