

INTERNATIONAL PERSPECTIVES SUSTAINABLE DEVELOPMENT GOALS & THE ROLE OF CITIZEN SCIENCE





Knowledge Communities & Science Policy

























July 9, 2015

4-15-16

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

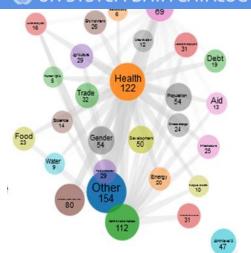
Shaur Donovan
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Dr. John P. Holdren
Dr. John P. Holdren
Dr. John P. Holdren
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SUBJECT: Multi-Agency Science and Technology Priorities for the FY 2017 Budget

Scientific discovery, technological breakthroughs, and innovation are the primary engines for expanding the frontiers of himans knowledge and are vital for responding to the challenges and opportunities of the 21st entury. The Nation depends on science, technology, and innovation to promote economic growth and job eraction, maintain as after and sufficient food supply, improve the health of Americans, move toward a clean energy future, address global climate change, manage competing demands on environmental resources, and enture the Nation's security on the Parish of Security of the Nation's security of the Nati

Federal government funding for research and development (R&D) is essential to address societal needs in areas in which the private sector does not have sufficient economic incentive to make the required investments. Key among these is basic research—the fundamental, curiosity-driven inquiry that is a hallmank of the American research enterprise and a powerful driver of new technology. Simply apporting research is not sufficient, however, Federal agacies should ensure that the results of that research are made available to other scientists, to the public, and to innovators who can translate them into the businesses and products that will improve all of our lives.

100 UN SYSTEM DATA CATALOG





United Nations Environment Programme environment for development













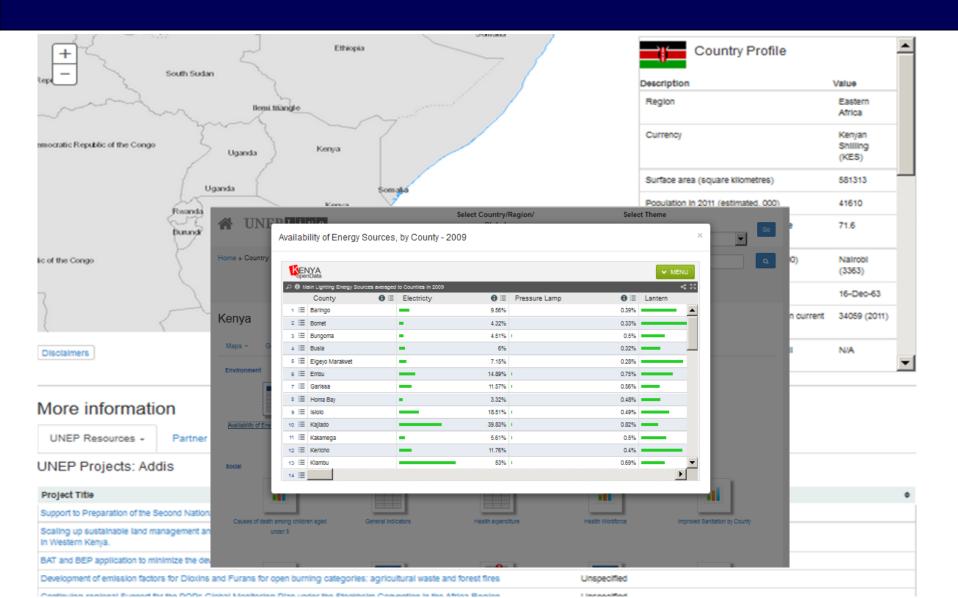


LATEST: Launch of the GEO-8 Pan-European assessment in Batumi

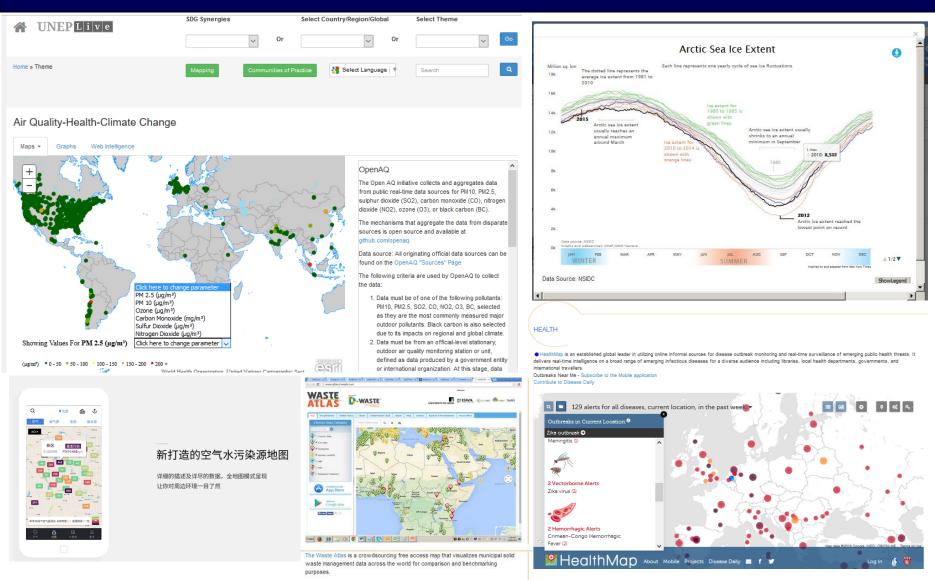
Communities of Practice Web Intelligence Mapping Subscriptions



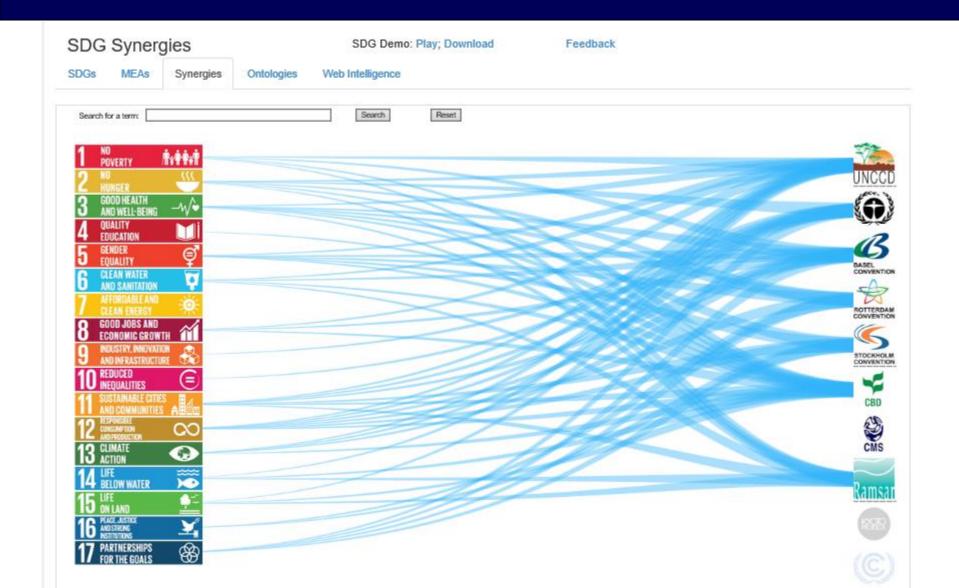
National Data, Open Data & Project



Using Near Real-Time Monitoring, Traditional Knowledge, Citizen Science Knowledge Sources



Participation in the Sustainable Development Goals



Co-production of knowledge through active participation

UNEP L i v e Communities of Practice

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GEO-6 Community of Practice - IGMS





EDIT COMMUNITY

INVITE FRIENDS

LEAVE COMMUNITY

Welcome to the GEO-6 Community of Practice!

With its core mandate of 'keeping the global environment under review', UNEP coordinates integrated environmental assessments, which involve extensive consultations and participatory processes to deliver scientific findings - underpinned by reliable evidence - to policy makers so that they can make informed decisions. Five Global Environment Outlook (GEO) assessment reports have been produced to date, and now UNEP is now embarking on GEO-6.

Through the public GEO-6 CoP, stakeholders will have access to national, regional and global data and information, through UNEP Live, plus schedules, meetings, and relevant background papers and reports.

Following the Intergovernmental Multi-stakeholder Consultation, governments and stakeholders will be asked to nominate experts to participate in different GEO-6 processes. Nominated experts will be selected to participate in global and/ or regional assessments, data and information sharing; content development; policy analysis; and reviewing of GEO-6 outputs.

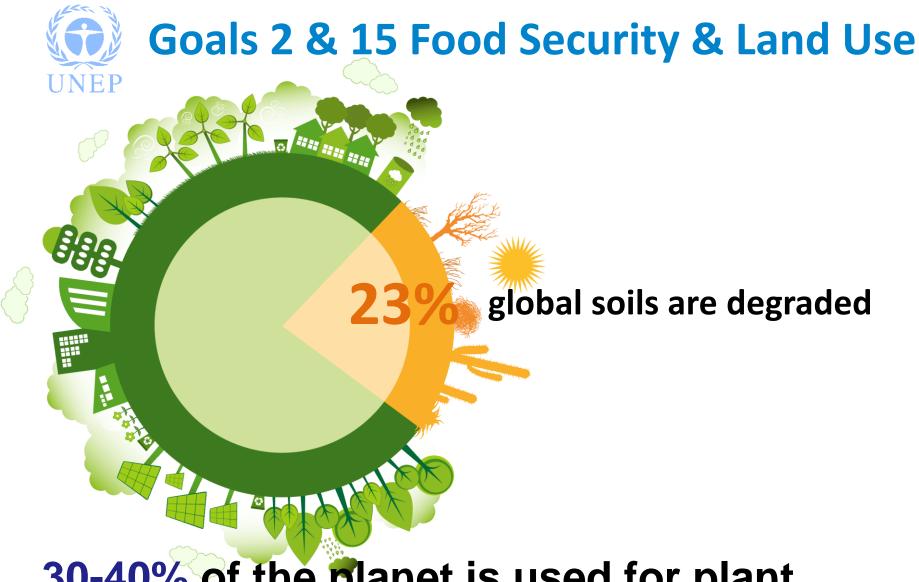
Separate specific CoPs will be opened up within the GEO-6 CoP to support different components of the assessments. These specific CoPs will be moderated by world renowned experts who will be responsible for coordinating and motivating the substantive discussions and analyses under selected topics or for individual regions, and Moderator: Admin Community members: 83 GEO 6 NOMINATIONS PORTAL AFRICA REGIONAL ASSESSMENT ASIA PACIFIC REGIONAL ASSESSMENT

EUROPEAN

REGIONAL

ASSESSMENT

CREATE A SUB-COMMUNITY



30-40% of the planet is used for plant production







Early 1900s



30-40% of the planet is used for plant production







GOAL 11 Urbanization



60-80%

of global energy consumption is used by urban cities

75%

of carbon emission comes from urban cities

GOAL 12 UNSUSTAINABLE PRODUCTION





GOALS 9 & 13 VULNERABLE STATES threatened by sea level rise and extreme events





Goal 14 Fisheries

