

# Global Change

International Geosphere-Biosphere Programme

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## Dynamic Deltas

GLOBAL  
**IGBP**  
CHANGE

International  
Geosphere-Biosphere  
Programme

[www.igbp.net](http://www.igbp.net)

Earth-system science for a sustainable planet

 ICSU  
International Council for Science

## Cover image

China's Yellow River, or Huang He, acquired by NASA's Landsat 7 satellite (Enhanced Thematic Mapper Plus) 2 May, 2000. False-colour images: red indicates vegetation, blue indicates water, and beige indicates bare ground. The river derives its yellow colour from fine particles of mica, quartz and feldspar. Source: NASA Earth Observatory.

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Human activities are causing many deltas to sink faster than global sea level is rising.

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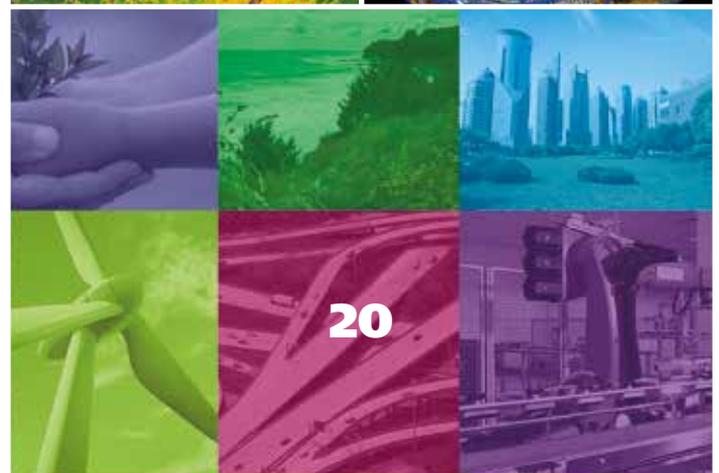
The dynamic interactions between large urban agglomerations and coastal zones demand innovative policy and research agendas.

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improving human and planetary wellbeing

Momentum is building towards the development of universally applicable sustainable development goals.



*Global Change* primarily publishes research and opinion from within the extensive IGBP network.

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# GLOBAL IGBP CHANGE

International  
Geosphere-Biosphere  
Programme

## IGBP core projects

Analysis, Integration and Modelling  
of the Earth System (AIMES)

Global Land Project (GLP)

International Global  
Atmospheric Chemistry (IGAC)

Integrated Land  
Ecosystem-Atmosphere Processes  
Study (ILEAPS)

Integrated Marine  
Biogeochemistry and  
Ecosystem Research (IMBER)

Land-Ocean Interactions in the  
Coastal Zone (LOICZ)

Past Global Changes (PAGES)

Surface Ocean-Lower Atmosphere  
Study (SOLAS)

## Global-environmental- change joint projects

Global Carbon Project (GCP)

Global Water System  
Project (GWSP)

## ICSU's global- environmental-change programmes

DIVERSITAS – an international  
programme of biodiversity science

International Geosphere-Biosphere  
Programme

International Human Dimensions  
Programme on Global  
Environmental Change

World Climate Research Programme

## Future Earth

Future Earth is a new ten-year  
international research initiative.  
Future Earth brings together  
existing global environmental  
change programmes including IGBP.

See [futureearth.info](http://futureearth.info) for more  
information.

Join the IGBP network  
[www.igbp.net](http://www.igbp.net)

Launched in 1987, IGBP was the first major international  
research programme to study the Earth system. IGBP  
coordinates international research on global-scale and  
regional-scale interactions between Earth's biological,  
chemical, physical and socio-economic systems.