

Global Change

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CHANGE

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Earth-system science for a sustainable planet

 ICSU
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Cover image

A farmer burns rice straw prior to planting wheat, in Sangrur District, Punjab, India. Machine-harvested rice leaves long stalks in the ground that need to be cut down and disposed of before wheat can be planted. With low nutritional value as a livestock feed, and little time between rice harvesting and wheat planting, burning the rice residues is widespread in the region.

Photo credit: Neil Palmer, CIAT International Center for Tropical Agriculture.

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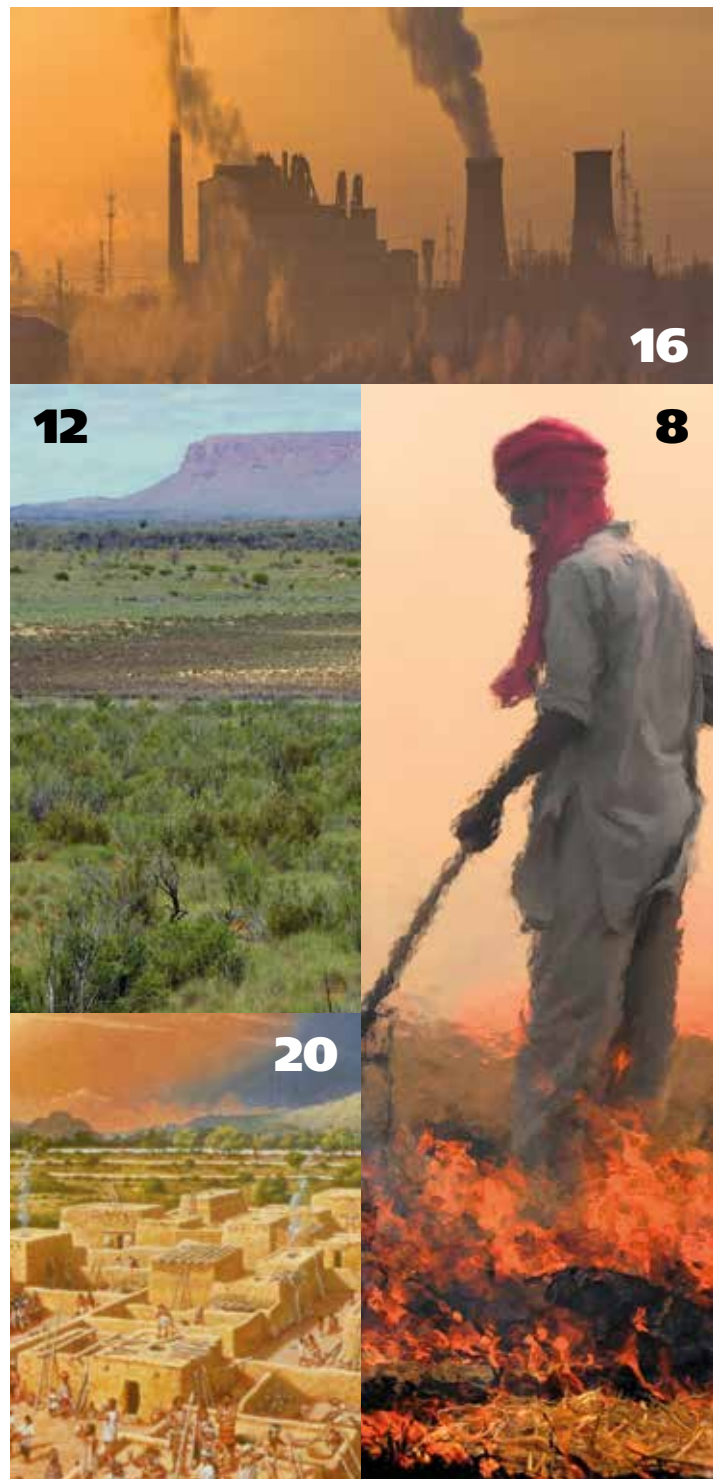
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GLOBAL IGBP CHANGE

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Programme

IGBP is an ICSU global-
environmental-change programme.



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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)

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Study (SOLAS)

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Global Water System
Project (GWSP)

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DIVERSITAS – an international
programme of biodiversity science

International Geosphere-Biosphere
Programme

World Climate Research Programme

Future Earth

Future Earth is a new ten-year
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information.

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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.

