



Adaptation for informal settlements

Media coverage

Justice

Remote sensing

Satellite data

Climate model simulations

Climate & Energy

Carbon footprinting

LCA

Adaptation

Health

Net-zero building

Sustainable energy systems

Energy efficiency

Food-energy-water nexus

Geothermal

Renewable

Solar

Infrastructure challenges

Solar energy forecasting



Food supply chain

Cold chain

LCA

Automotive industry

Reuse

Recycling

Manufacturing, Materials & Recycling

New value streams from natural products Recycled

Building materials

Recycled materials

Product development

Polymer R&D

Plastics

Construction

Concrete

3D printing

Health

Emerging technology

Digital innovation

Design



Shared mobility

Megacities

Water infrastructure

Great Lakes coastal communities

Water and Urban Design

Effects of extreme hydrologic events

Urban sustainability

Built Environment

Harvesting rain water

Flood vulnerability

Coastal area management

Planning and law

Recycled building materials

Construction

LCA

Developing countries

Net-zero building

Air pollution

Health

Renewable energy infrastructure challenges

Civil infrastructure



Transportation

Disruptive technologies

Autonomous vehicles

Automotive industry

Shared mobility

Aging drivers

Air pollution exposure

Health

Ethical and socially responsible
transportation systems



Human rights

Cultural sustainability

Water

Food-energy-water nexus

Great Lakes coastal communities

Flooding

Water quality

Effects of extreme hydrologic events

River restoration

Water infrastructure

Harvesting rain water

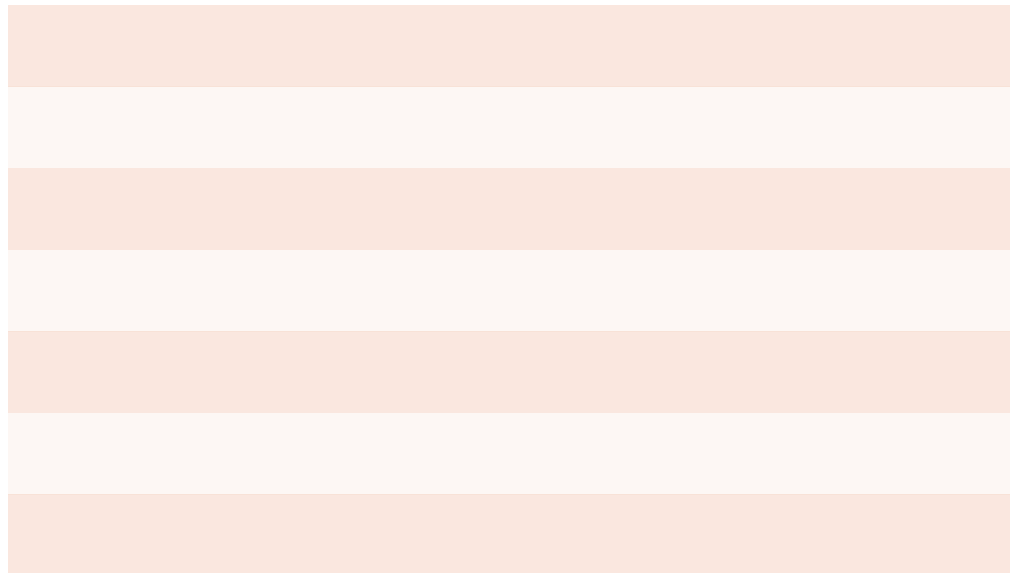
Water and urban design

Lampricide and parasitic eradication

Health

Coastal area management

Planning and law



Food

Sustainable food

Sustainable diets

Sustainable food systems

Food-energy-water nexus

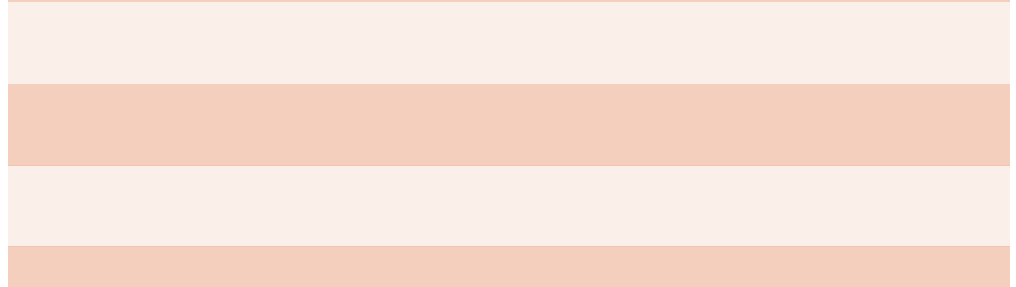
Food production LCA

Agroforestry

Health

Student engagement in food systems
research

Community partnerships





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Collaboration, Engagement & Methods

Participatory design

Participatory action research

Community-engaged research

Applied research

Collaborations in clinical trials

Collaborative science

Community partnerships

Engaging tribal partners in long-term projects

Building multi-partner networks

Interactions with faculty in the school of medicine and outside

Community engagement through the arts

International collaboration



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Collaboration, Engagement & Methods

Qualitative research

Field studies

Strategic communications

Economic mobility

Supporting eco-cultural diversity

Community Partnerships

Entrepreneurship

Informal education

Media coverage

Performing arts in sustainability research