



MRCTI Global River Talks

Rome, Italy

October 23, 2017

International Summit of Great Rivers

Hon. Belinda Constant, Mayor of Gretna, LA

Presentation start



A satellite view of Earth at night, showing the illuminated continents and oceans. The city lights are visible as bright yellow and white spots, and the river networks are highlighted in a golden-yellow color. The Earth's curvature is visible on the left side, with a bright orange glow from the sun or moon.

MRCTI Global River Talks
Sustaining the World's
Food-Producing
River Basins

International Summit of Great River
ROME, 2017

The Mississippi River:

Largest Agricultural
Trade footprint

Largest Navigable system

Sustains most agriculturally
productive zone



The Mississippi River:

\$500 billion in Annual Revenue
1.5 million US Jobs

Top 3 economies are

- Manufacturing
- Tourism
- Agriculture

Largest USDA Critical
Conservation Area in US



The Mississippi River:

40% of all US agricultural output

60% of US grain output

Makes possible United States'
only trade surplus

Almost a half trillion dollars in
gross municipal product





Mississippi River Cities & Towns Initiative:

80 Mayor-Lead Municipalities

5000 km of Waterway

10 States

1 River





Recent Climate Impacts:

- Hurricane Katrina
- Hurricane Isaac
- 100, 200, 500-Year Floods
- 50-year Drought

- \$200 billion in impacts since 2005
- \$51 billion in impacts since 2011
- \$10+ billion in impacts in 2016



St. Paul, MN

St. Louis

Natchez, MS

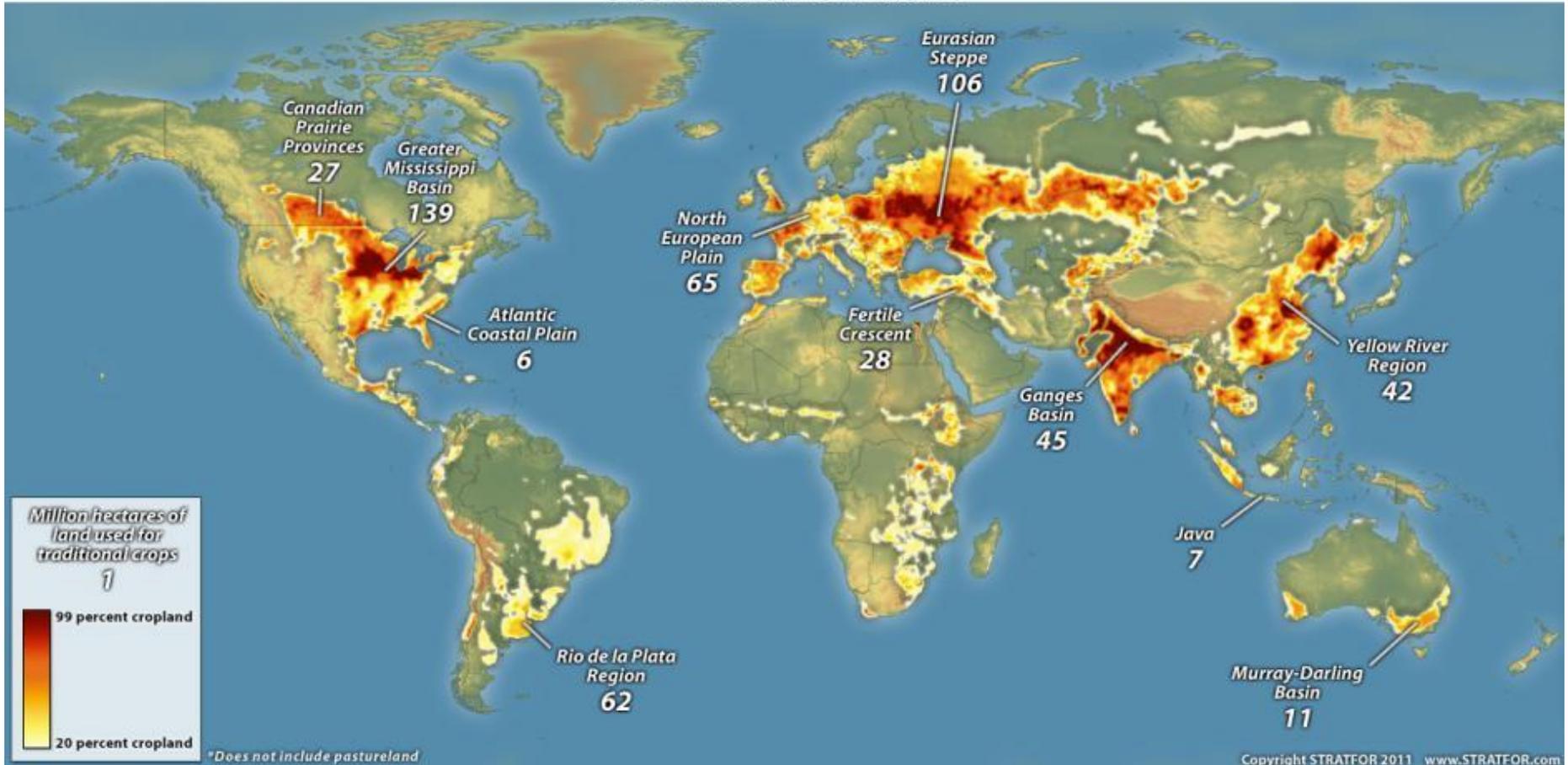
Baton Rouge

New Orleans

Present-day
shoreline

Sustaining the World's Food-Producing River Basins
Meeting of the Great Rivers of the World
International Summit, ROME 2017

GLOBAL AGRICULTURAL ZONES



Sustaining the World's Food-Producing River Basins

Meeting of the Great Rivers of the World

International Summit, ROME 2017



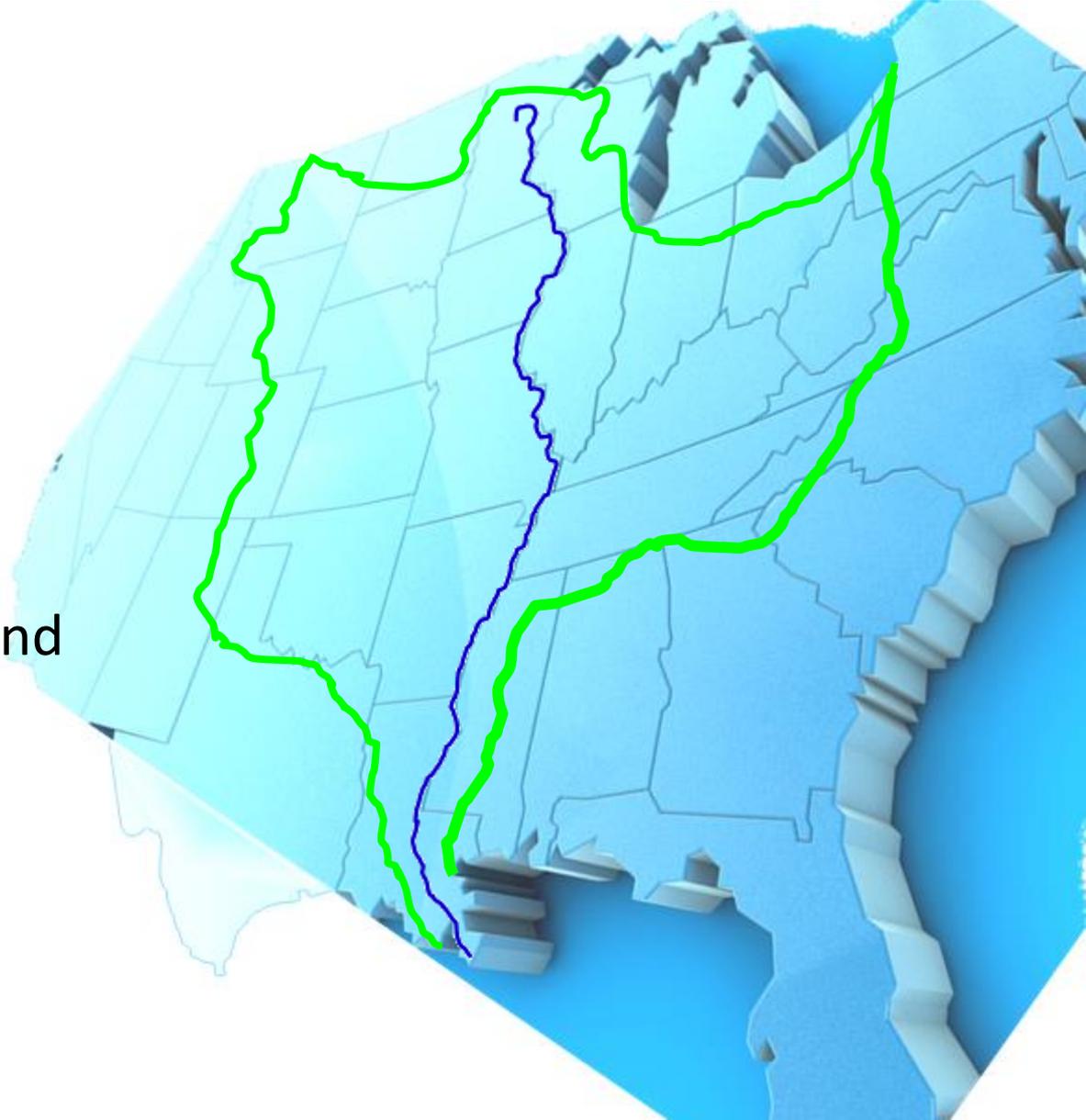
Mississippi River Basin:

31 states

2 Canadian Provinces

40% unused capacity

\$164 billion in ag exports and
Domestic supply





... CENTER 2015



10^a Asamblea General
de la Red Internacional
de Organismos de Cuenca
17-19 Julio
Quetzaltenango, Guatemala, México

MÉXICO
GOBIERNO DE LA REPÚBLICA



SRE
SECRETARÍA DE
RELACIONES EXTERIORES

GUATEMALA
SECRETARÍA DE
RELACIONES EXTERIORES

GUATEMALA



 **RIOC 2016**
10^a Asamblea General Mundial
de la Red Internacional
de Organismos de Cuenca



SRE

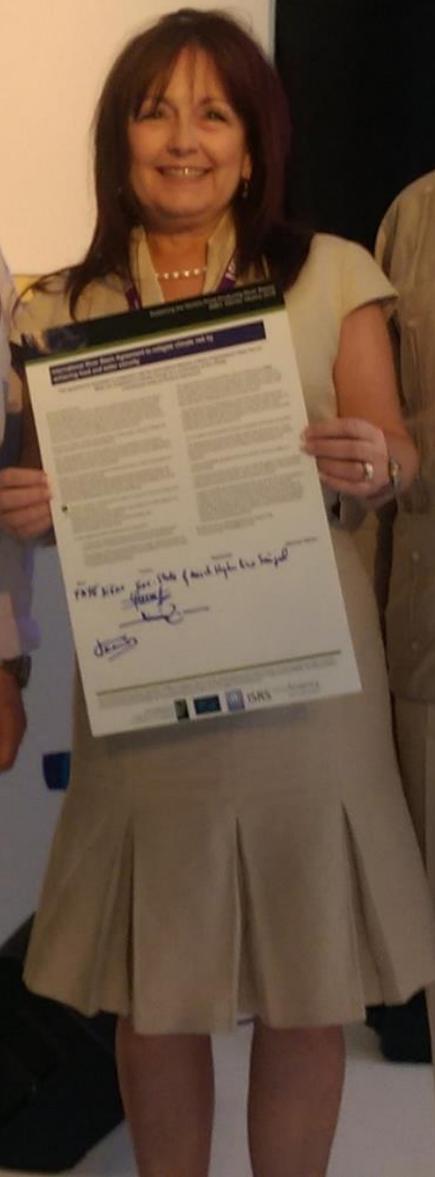
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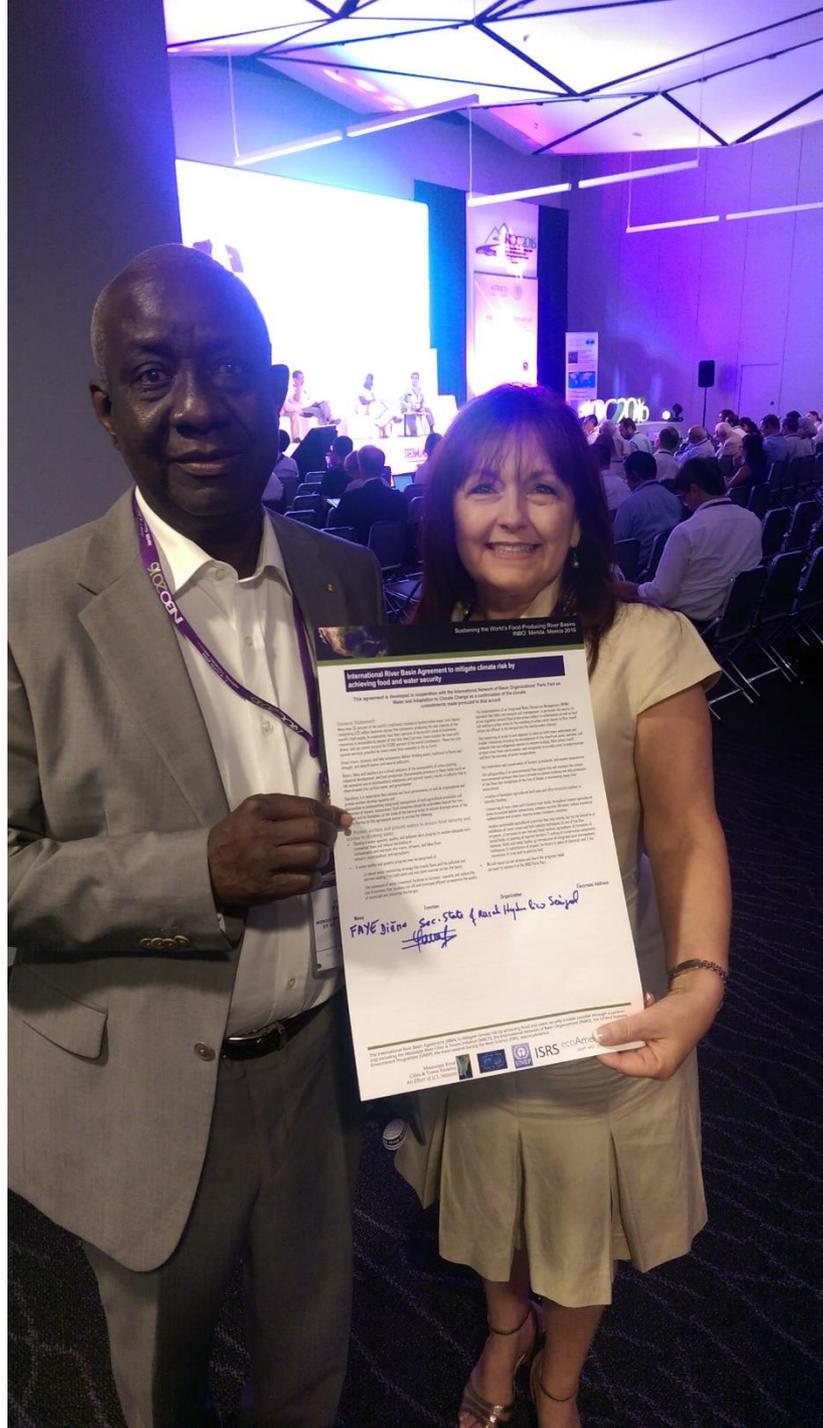
SEMARNAT

SECRETARÍA DE
MEDIO AMBIENTE
CURSOS NATURALES

CONAGU

COMISIÓN NACIONAL DE





International River Basin Agreement to mitigate climate risk by achieving food and water security

This Agreement was developed by the 14th Intergovernmental Technical Group on River Basins, Paris, France, 2014. It is a voluntary agreement between the riparian states of the river basin, aimed at achieving food and water security for all.

1. Objectives

The Agreement aims to:

- Enhance the resilience of river basins to climate change and other stresses.
- Improve the efficiency of water use and reduce water losses.
- Protect and restore ecosystems and biodiversity.
- Ensure the sustainable management of water resources.
- Strengthen institutional arrangements for water governance.
- Enhance the capacity of riparian states to manage water resources.
- Facilitate the implementation of the Agreement.

2. Principles

The Agreement is based on the following principles:

- Equity and justice.
- Transparency and accountability.
- Participation and inclusion.
- Cooperation and collaboration.
- Resilience and sustainability.
- Precaution and risk management.
- Integration and coherence.
- Gender equality and social justice.
- Human rights and the rule of law.
- Peace and stability.

3. Key Elements

The Agreement includes the following key elements:

- Water governance: Strengthening institutional arrangements for water governance, including the establishment of a basin authority or similar entity.
- Water allocation: Ensuring the equitable and efficient allocation of water resources among riparian states.
- Water quality: Protecting and restoring water quality and ecosystems.
- Water security: Ensuring the availability of water for food and water security.
- Capacity building: Enhancing the capacity of riparian states to manage water resources.
- Implementation: Facilitating the implementation of the Agreement through various mechanisms.

4. Signatories

The Agreement is signed by the following riparian states:

FAYE Diéna *Sac-Saint-Exupéry*

[Handwritten Signature]

ISRS **ecoAm**

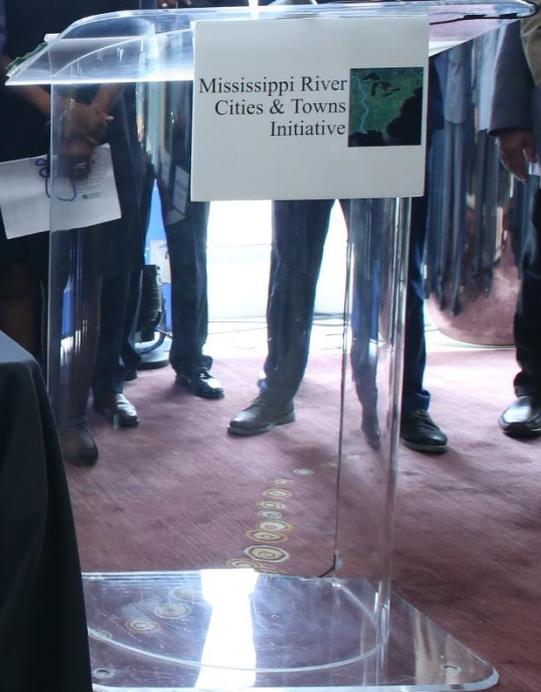
Mississippi River
Cities & Towns Initiative



Paula DiPerna
CDP

Hon. Belinda Constant
Mayor of Gretna, LA

Hon. Chris Coleman
Mayor of St. Paul, MN



FOUR SEASONS
HOTEL
ST. LOUIS

Proposal for COP 23 Agenda, Nov

Over 35% of world's traditional ¹⁰ cropland is in river basins

World's river basins are being impacted by climate change

Healthy rivers equals a sustainable food supply

Healthy rivers equals access to fresh clean drinking water

**Create a dedicated investment mechanism to sustain our
food-producing river basins**

America is a Partner in this work

**Paris Pact on water and
adaptation to climate change
in the basins of rivers, lakes, and aquifers**

**International River Basin Agreement to mitigate
climate risk by achieving food and water security**

Mississippi River
Cities & Towns Initiative
An Effort of U.S. Mayors



ISRS ecoAmerica
start with people



COP21-CMP11
PARIS2015
UN CLIMATE CHANGE CONFERENCE