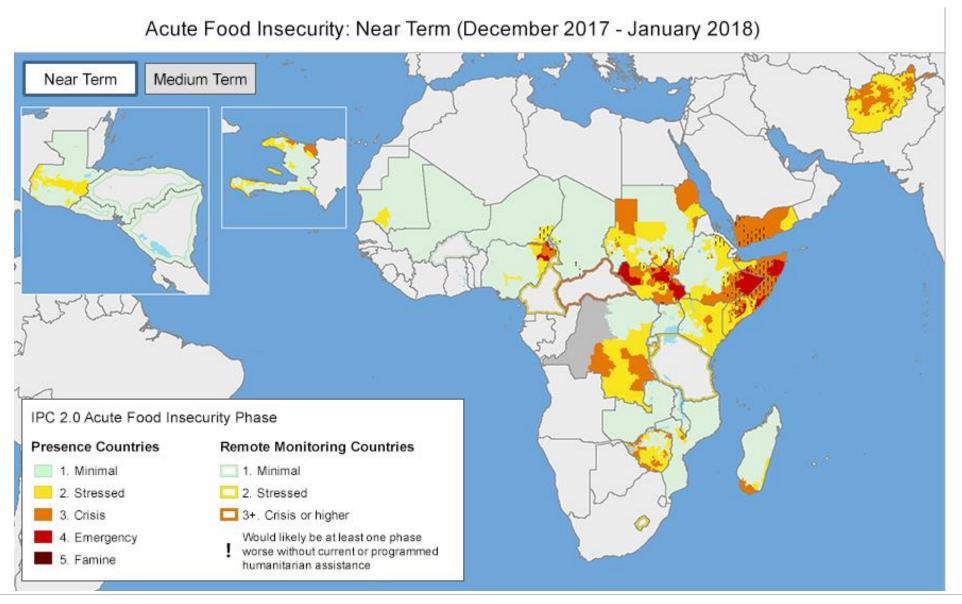


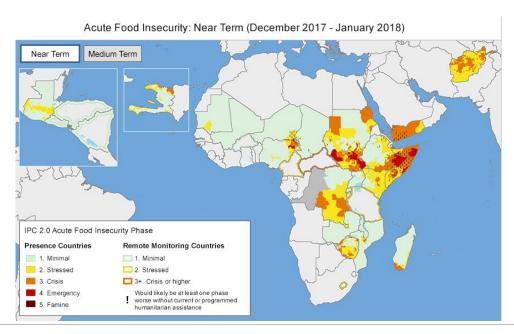


CASE STUDY: SOMALIA



CASE STUDY: SOMALIA

- Engage diplomatically and/or with peacekeepers
- Avert famine via donor-supported social safety-net programs
- Sustainably rehabilitate highly degraded environments



1. DIMINISHED SUPPLY: DAMMED OR DIVERTED WATER

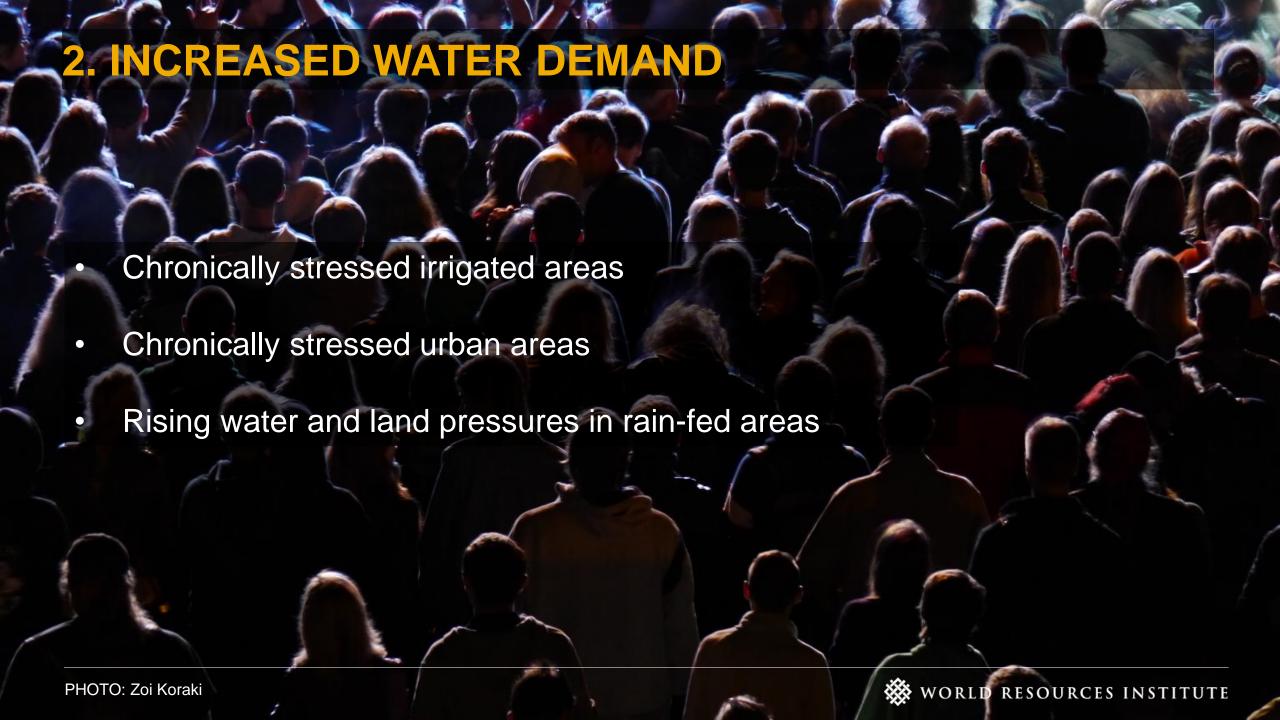
- Dams in the absence of agreement
- Water diversions in the absence of agreement

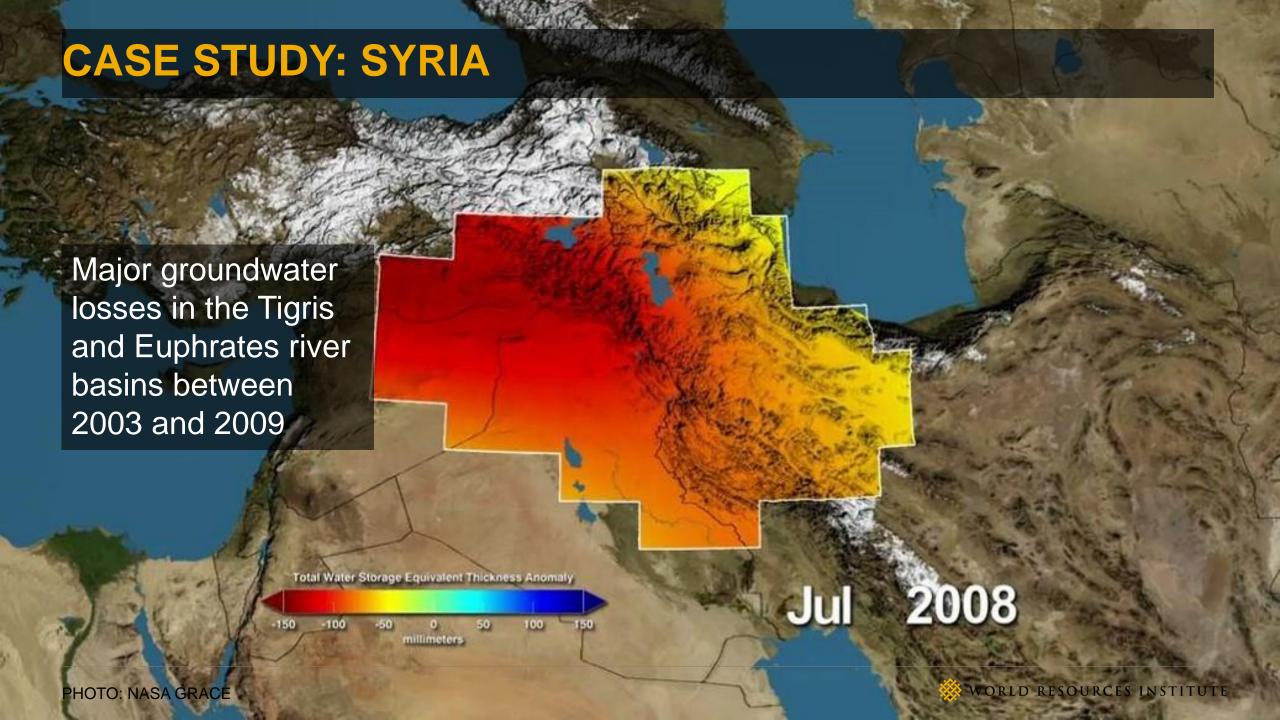


CASE STUDY: GRAND RENAISSANCE DAM

- Engage in negotiation of watershed agreements
 - Levels of withdrawals
 - Seasonal standards for river flows
 - Rules to govern management of large dams and other infrastructure
- Develop water data and information systems to monitor compliance

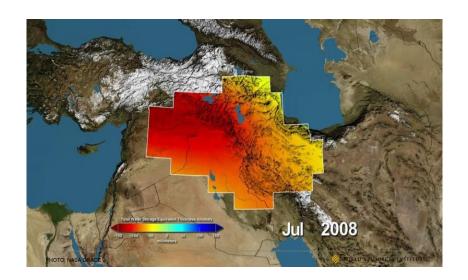






CASE STUDY: SYRIA

- Place demand caps on irrigated agriculture in water-stressed regions and replace flood irrigation schemes with drip irrigation technologies
- Plant water-efficient and drought-resistant crops
- Insurance payouts for farmers to cover crop losses



3. EXTREME FLOOD EVENTS

PHOTO: Scott Pena

River floods, flash floods, coastal storm surges Floods in countries that can influence global grain prices

WORLD RESOURCES INSTITU

CASE STUDY: DEVASTATING FLOODS ACROSS SOUTH ASIA in 2017

Over 1,200 dead and over 40 million affected in India, Nepal, Bangladesh, and Pakistan



CASE STUDY: DEVASTATING FLOODS ACROSS SOUTH ASIA

- Invest in dams, dikes, and levees
- Protect existing forests and wetlands
- Don't build in areas at high risk for flooding



EFFECTIVE & LEGITIMATE GOVERNANCE SYSTEMS

- Without "effective" or "legitimate" state, technical measures will likely fail
- The international community must therefore offer to help these countries strengthen their governance systems

THANK YOU

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