SETTING THE CONTEXT: A LANDSCAPE VIEW OF ENVIRONMENTAL GOVERNANCE



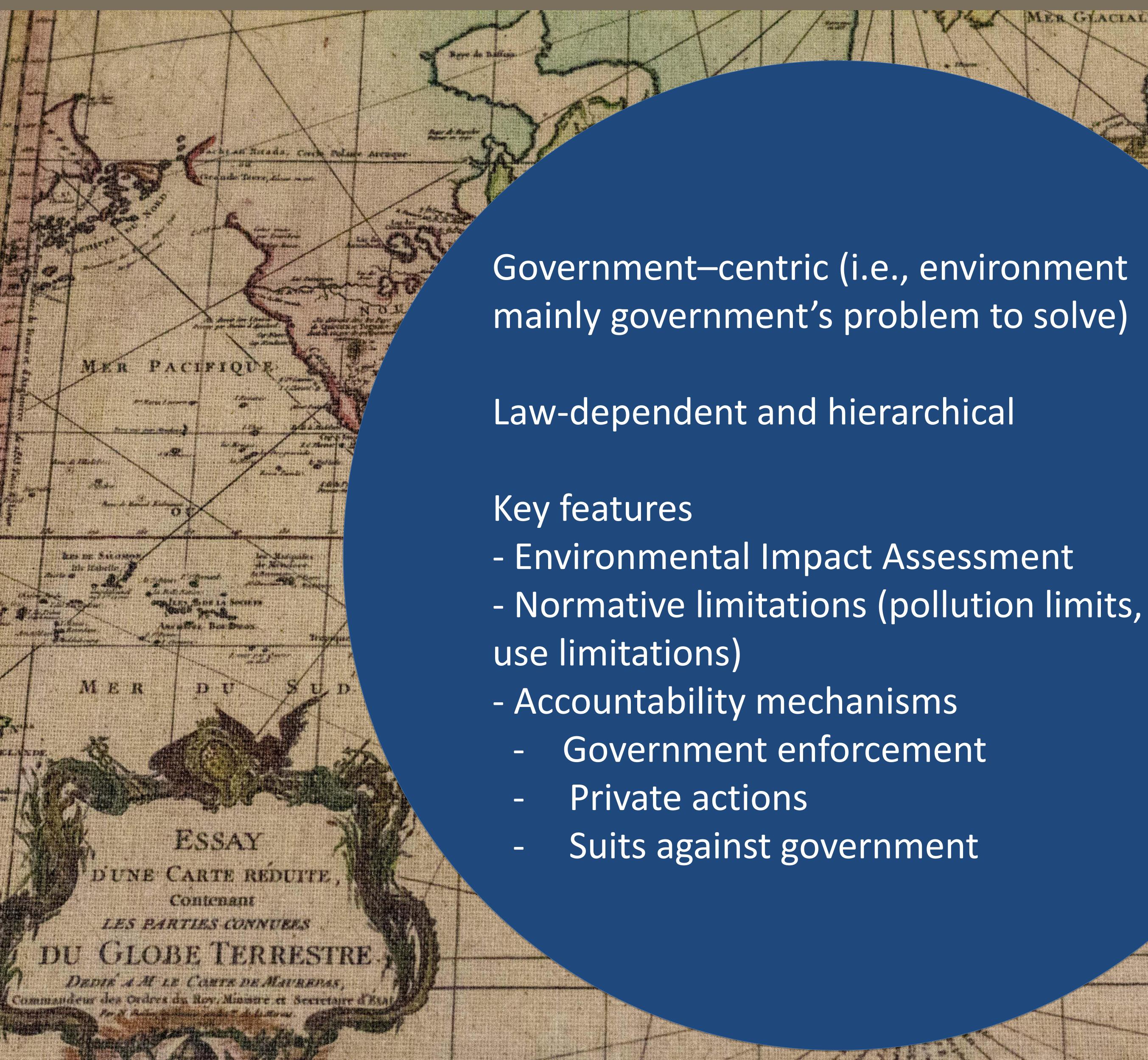
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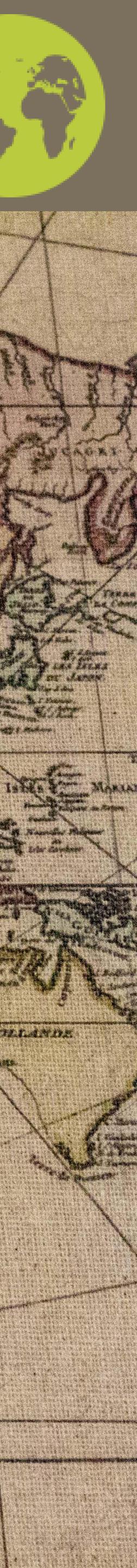
SUSTAINABILITY ----- FRAMEWORKS ------

Ye Old World of Environmental Governance



Government–centric (i.e., environment mainly government's problem to solve)





Cerele Rolanie Ammermique.



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Emerging World of Environmental Governance

HIERARCHIAL **Top-bottom**

RISK/BRAND MANAGEMENT

Private Environmental Governance

LAW-BASED SYSTEMS Public Governance

"GREENER" APPROACHES Footprint Reduction

DATA-BASED Online Sharing Platforms

DISTRIBUTED **Bottom-up**





EXTERNAL













Emerging World of Environmental Governance

RISK/BRAND MANAGEMENT Private Environmental Governance

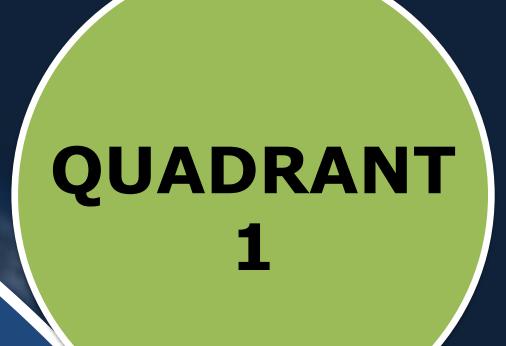
LAW-BASED SYSTEMS

- Government-Centric Machinery, with Citizen/Stakeholder Accountability Mechanisms - Various Forms of Regulation - Use restrictions - Normative Baselines - Layered Implementation

"GREENER" APPROACHES Footprint Reduction

DATA-BASED ACCOUNTABILITY Online Sharing Platforms









Emerging World of Environmental Governance

RISK/BRAND MANAGEMENT Private Environmental

Governance - Enculturated values - Customer/investor demands - Supply/value chain mgt - Financial risk mgt

LAW-BASED SYSTEMS Public Governance

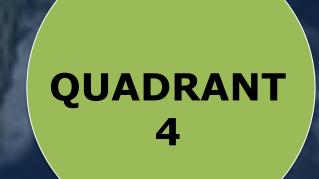
"GREENER" **APPROACHES** Footprint Reduction

DATA-BASED ACCOUNTABILITY Online Sharing Platforms

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Emerging World of Environmental Governance

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RISK/BRAND MANAGEMENT Private Environmental Governance

LAW-BASED SYSTEMS Public Governance

"GREENER" APPROACHES

- Footprint Reduction - Nature-Based Solutions Technology Solutions - Reimagined Engineering - Self Monitoring & Adjustment Systems Machine Learning

DATA-BASED Online Sharing Platforms



ACCOUNTABILITY







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Emerging World of Environmental Governance

RISK/BRAND MANAGEMENT

Private Environmental Governance LAW-BASED SYSTEMS Public Governance

"GREENER" TECHNOLOGIES

Closed Loop Systems for Footprint Reduction

DATA-BASED ACCOUNTABIILITY

- Sensor Revolution - Online Sharing Platforms

- Analyzing





- Exposing - Communicating - Inducing Action







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Emerging World of Environmental Governance

HIERARCHIAL **Top-bottom**

RISK/BRAND MANAGEMENT

Private Environmental Governance

LAW-BASED SYSTEMS Public Governance

"GREENER" APPROACHES Footprint Reduction

DATA-BASED Online Sharing Platforms

DISTRIBUTED **Bottom-up**





EXTERNAL







The Future of Environmental Protection

Technology enabled •Big data driven Social media-enforced

In the future, environmental protection will be Increasingly advanced through business leadership

With redefined and realigned roles for government

Net: Moving towards Environmental Protection Enterprise with distributed roles and new accountability systems

DISInformation warfare

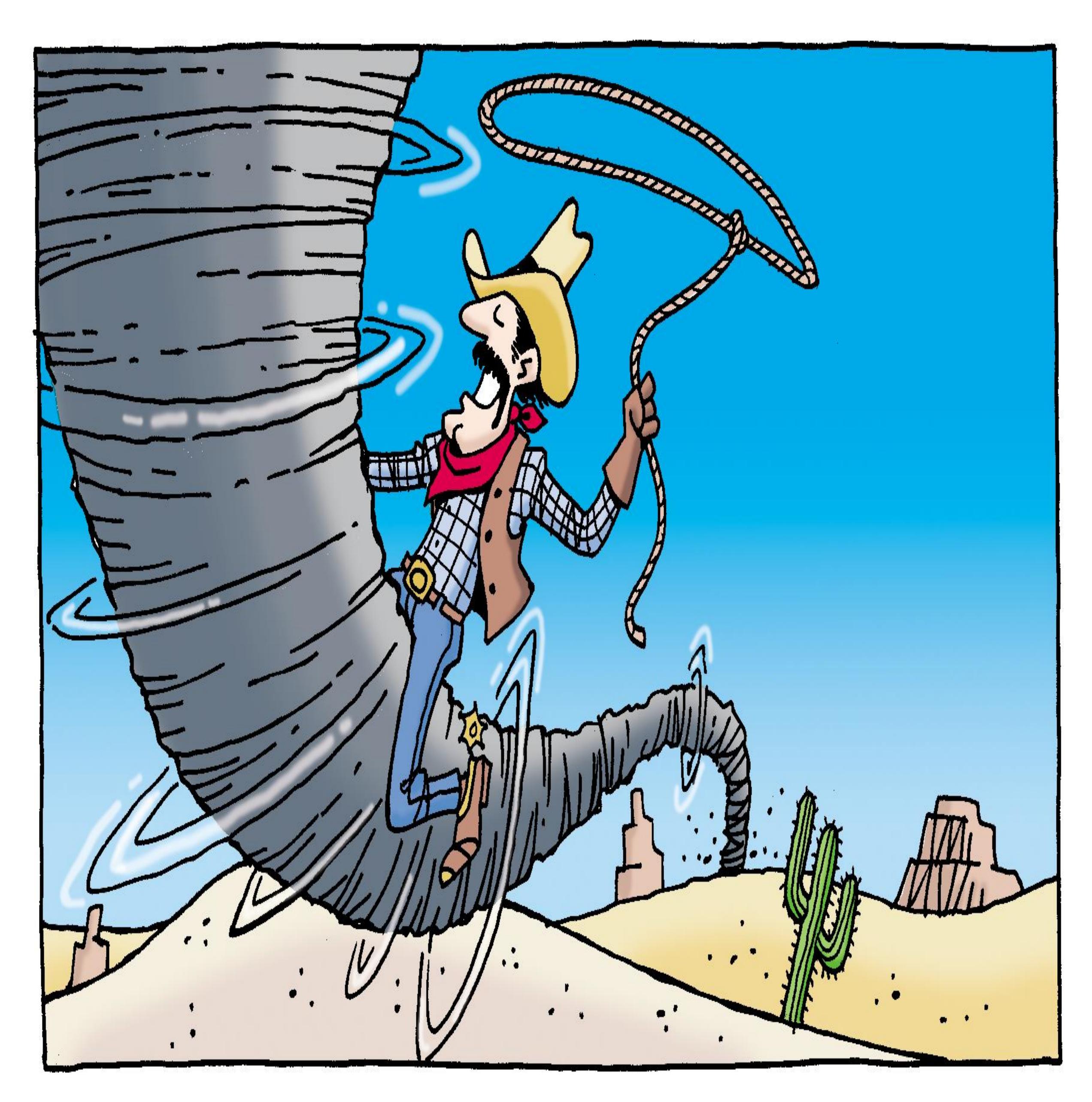
Democracy vs. Autocracy

Conflict

Aversion to real change

Nationalism





Riding the Storm



EMERGING ENVIRONMENTAL GOVERNANCE SYSTEMS

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Available at: www.eli.org

A New Environmentalism:

The Need for a Total Strategy for **Environmental Protection**

Scott Fulton and David Rejeski

