CASE STUDY

Sustainability and Climate Consulting for Major Projects/Infrastructure



CLIMATE CHANGE VULNERABILITY ASSESSMENT

Massachusetts Bay Transportation Authority

FHWA Vulnerability Assessment Scoring Tool

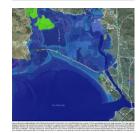


CLIMATE CHANGE VULNERABILITY ASSESSMENT Translink Vulnerability Assessment and Resilience

Strategy



SUSTAINABLE WAYS TO INTEGRATE FUTURE **Transportation TxDOT** SWIFT: Performance-based and scenario planning modelling tool



CALIFORNIA SR 37 RESILIENT CORRIDOR **Metropolitan Transportation Commission**

Traffic, Infrastructure & SLR Analysis + Alternatives Assessment



URBAN RESILIENCE STRATEGIES Rockefeller Philanthropy Advisors Resilience Strategies including Assets and Risks Tool



MEDELLÍN 2020 - 2050



CLIMATE ACTION PLANS C40

GHG reduction analysis and climate change risk assessments



RESILIENT & SUSTAINABLE MOBILITY STUDY

Risk assessment and resilient & sustainable actions prioritization tool

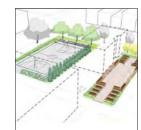
SFO SHORELINE PROTECTION PROGRAM

San Francisco International Airport

SLR study and flood protection design criteria and alternatives

SEA LEVEL RISE ASSESSMENT **Port of Oakland**

Sea Level Rise Vulnerability Assessment





FEMA

Company



RETMAG Puerto F

strategy









to Rico

RESILIENT CORRIDORS GREEN INFRASTRUCTURE PROJECT

Chicago Department of Planning & Development

Construction of 10 green infrastructure stormwater landscapes

ENERGY RESILIENCE STUDIES

Confidential Client

Regional CC Risk Analysis and Water Resilience Assessment

NATIONAL RISK INDEX

Online tool to identify communities at risk of natural hazards

CLIMATE CHANGE VULNERABILITY ASSESSMENT

Confidential Fortune 500 Beverage

Global, National & crop focussed Climate Change Exposure Study

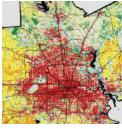
REIMAGINA PUERTO RICO

Rockefeller Philanthropy Advisors

Detailed sector analysis and resilient recovery

CASE STUDY

Sustainability and Climate Consulting for Major Projects/Infrastructure (continued)



ECONOMIC DIVERSITY AND RESILIENCE STRATEGY **Texas General Land Office**

Plan for diversified & resilient economic base prepared for storms



TEXAS COASTAL RESILIENCY MASTER PLAN **Texas General Land Office**

Statewide coastal resilience planning, current & future conditions

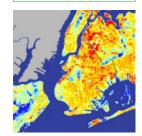


NATURE-BASED HAZZARD MITIGATION THRU FEMA The Nature Conservancy

Development of guidance materials for NbS for hazard mitigation

JOINT LAND USE STUDY

Hampton Roads Planning District Commission Navy installation & critical community facilities risk evaluation & strategy



CLIMATE VULNERABILITY AND ADAPTATION PROGRAM

NYS Office of General Services & Office of Climate Change

Vulnerability assessment to inform agency operations & decision-making





COMPREHENSIVE ENVIRONMENTAL + CLIMATE ACTION PLAN

City of Dallas

Comprehensive GHG reduction and resilience roadmap and action plan

FLOOD RESILIENT COMMUNITY DESIGN **+ RISK MITIGATION**

Intact and Canadian Standards Association

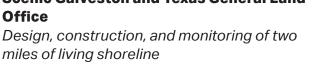
Technical expert contributor for two national flood resilience standards

VIRGINIA POINT LIVING SHORELINE



City of Naples

Climate . Change





Assess climate change resilience of Dundas

BUILDING CODES SAVE FEMA

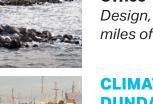
Landmark study estimates \$132 Billion loss reduction





More Information: AskEnvironment@aecom.com

Scenic Galveston and Texas General Land Office





miles of living shoreline

BRT Corridor

CLIMATE VULNERABILITY AND ADAPTATION PLAN

City of Naples, Florida

Vulnerability assessment to determine risk reduction investment

COMBINED CLIMATE ACTION + ADAPTATION PLANS

City of Long Beach, Davis, Montgomery County

Plans to reduce GHG emissions + improve climate resilience

CLIMATE VULNERABILITY AND ADAPTATION PLAN

South California Regional Rail Authority

Networkwide multi hazard assessment and plan

SUSTAINABLE INFRASTRUCTURE **GUIDELINES**

County of Los Angeles Public Works

Sustainable design guidelines and analysis tool

SAN DIEGO AIRPORT CLIMATE **RESILIENCE PLAN**

San Diego International Airport Authority

Vulnerability assessment including SLR study and action plan

Sustainability and Climate Consulting for Major

Projects/Infrastructure (continued)



CLIMATE LENS - WATER POLLUTION CONTROL CENTRE City of Winnipeg

Climate Change Resilience and GHG Mitigation assessments



ADAPTATION RETURN ON INVESTMENT TOOLKIT **Public Safety Canada**

Develop a Toolkit to analyze the Rol of climate change adaptation



CLIMATE CHANGE & SUSTAINABILITY -DUNDAS BRT Metrolinx

Assess climate change resilience of Dundas **BRT** Corridor



DUMBARTON BRIDGE & ADJACENT COMMUNITY RESILIENCE

Metropolitan Transportation Commission

Adaptation alternatives for critical regional bridge + critical assets & community



CRANE COVE PARK

Port of San Francisco Neighborhood historic district waterfront park incorporating SLR

Towards Net Zero



ENERGY MASTER PLAN CU Boulder

Plan commits to GHG emission elimination & electrification



NATIONAL WESTERN CENTER DISTRICT **ENERGY SYSTEM City and County of Denver**

Nation's first wastewater heat-recovery district energy system



GREENHOUSE GAS MITIGATION PLAN City of Miami

Climate action plan to achieve citywide carbon neutrality by 2050



ZERO EMISSION CONTAINERS ASSESSMENT **Port of Oakland** Evaluation of technical feasibility and cost