



USVI Hazard Mitigation and Resilience Plan

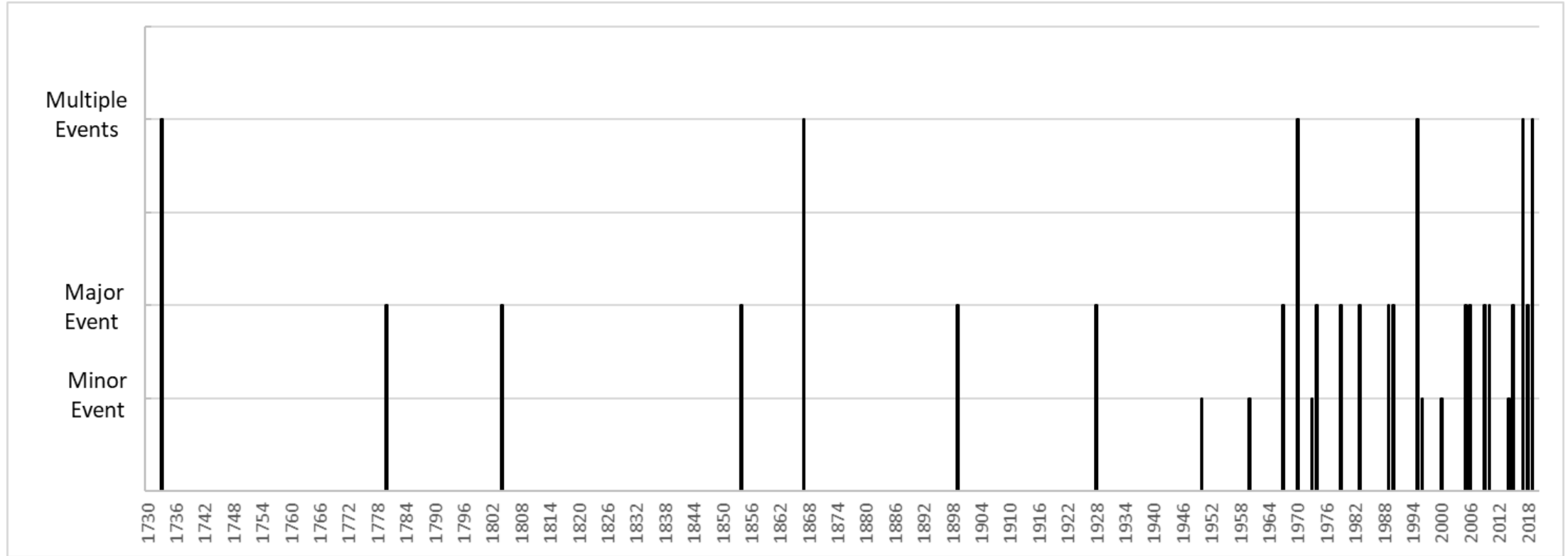
Building a Comprehensive Approach to Risk
Reduction in the Virgin Islands





IrMaria: A Shock To The System

Intensity and Frequency of Events is Increasing



Hazard Mitigation & Resilience Plan

- **Updated Every 5 years**
- **Eligibility for BRIC and Post-Disaster Mitigation Funding**
- **Create Public Support for Recovery and Risk Reduction Initiatives**
- **Vision for the Development of the Territory – Risk Reduction, Resilience and Sustainability**



Most HMPs Focus on Things (but can infrastructure save?)

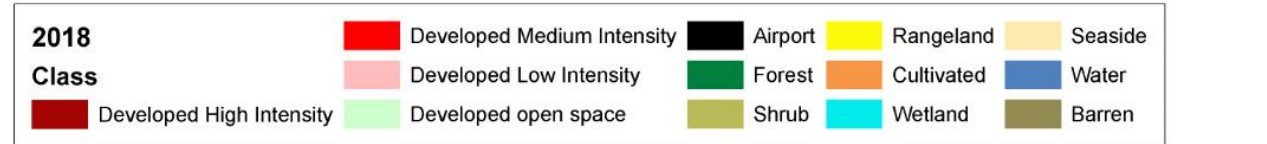
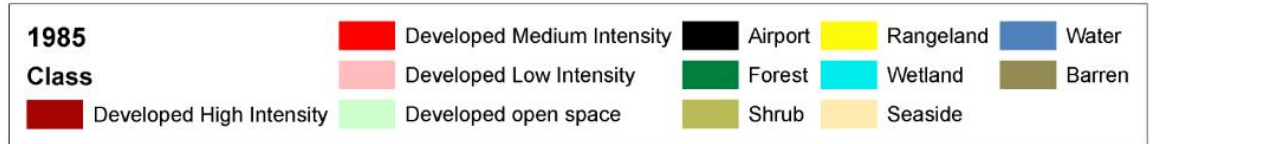
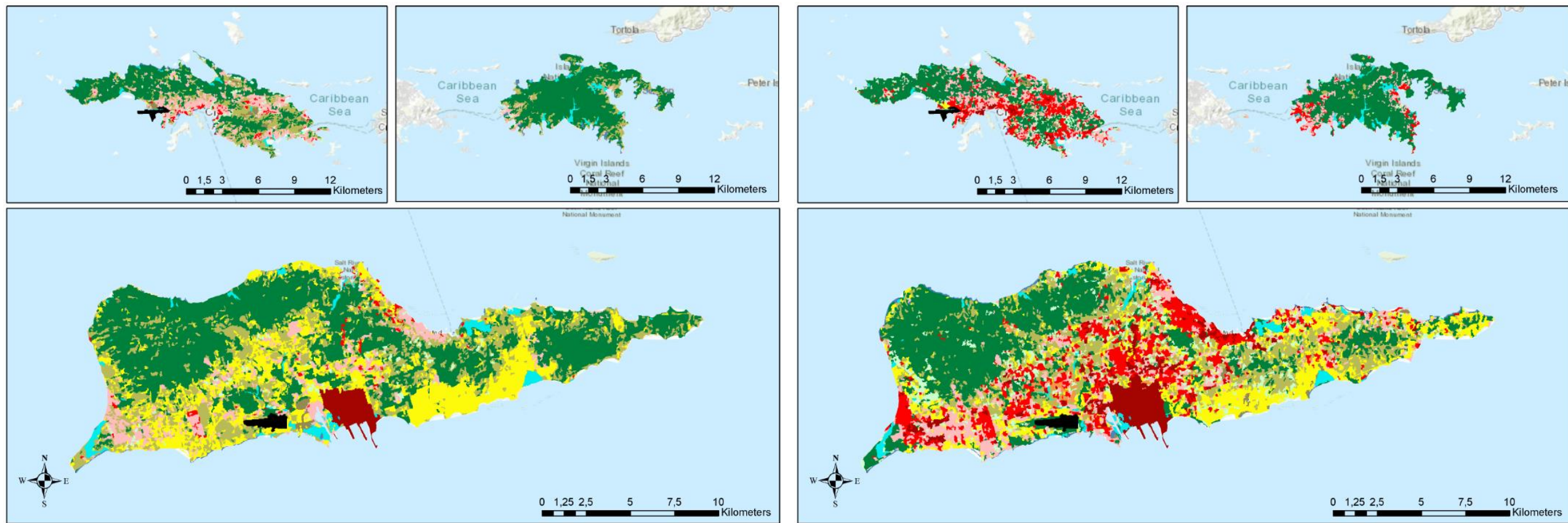


Traditional Approach

Planning and Hazard Mitigation Don't Talk

1985

2018



Land Use Practices Put People at Risk

- More than 25% of buildings are in flood and tsunami zone
- More than 45% of government, public safety & health buildings are in flood and tsunami zone
- More than 40% buildings are in extremely high wind zones
- All buildings are in earthquake zone



Social Infrastructure is Vital for Risk Reduction

- We are agile and able to live through many disruptions
- We are compassionate and help each other during hardships
- We tend to hide difficulties and hardships from each other
- Social networks can sometimes feel exclusive and have blind spots
- Non-Profits are not utilized for all the talent they have to offer

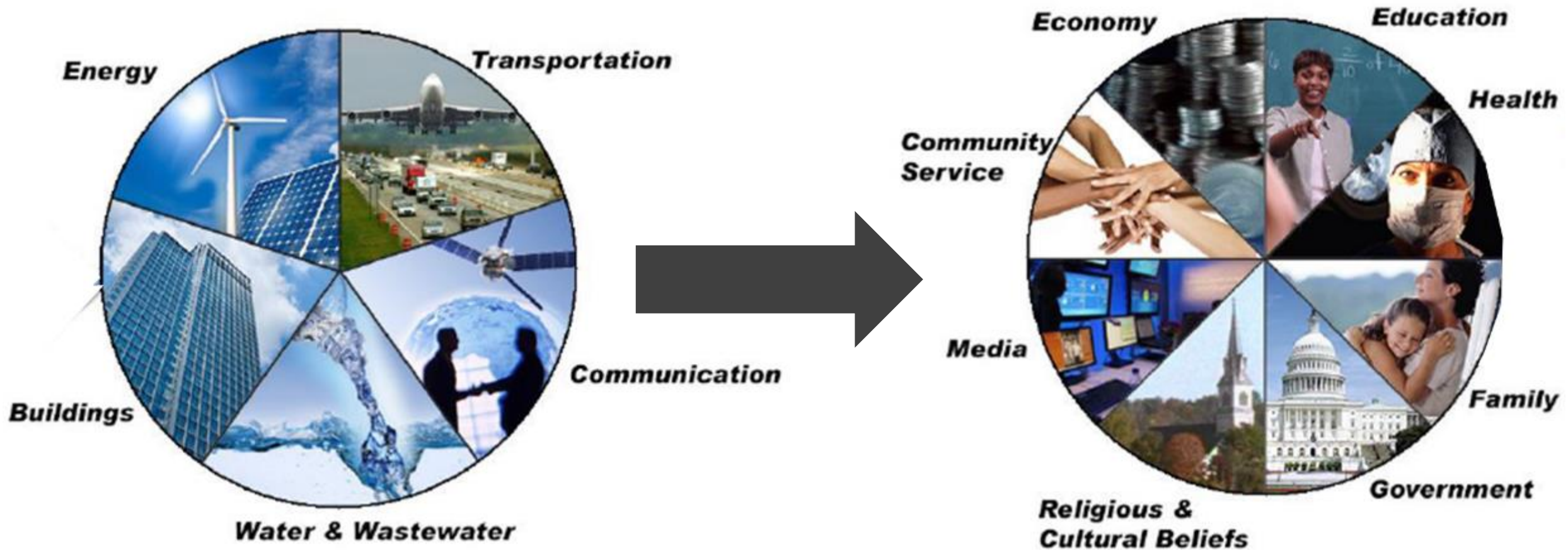


Natural Infrastructure is Degrading – To Our Loss

- Natural systems are the foundation of our economy
- Natural systems can be life-saving during and after disasters
- Quality, and health of natural systems is under threat
- Development is encroaching on and degrading systems
- We are slowly losing this part of our cultural identity



Infrastructure Critical for Society Function (but not an end in and of itself)

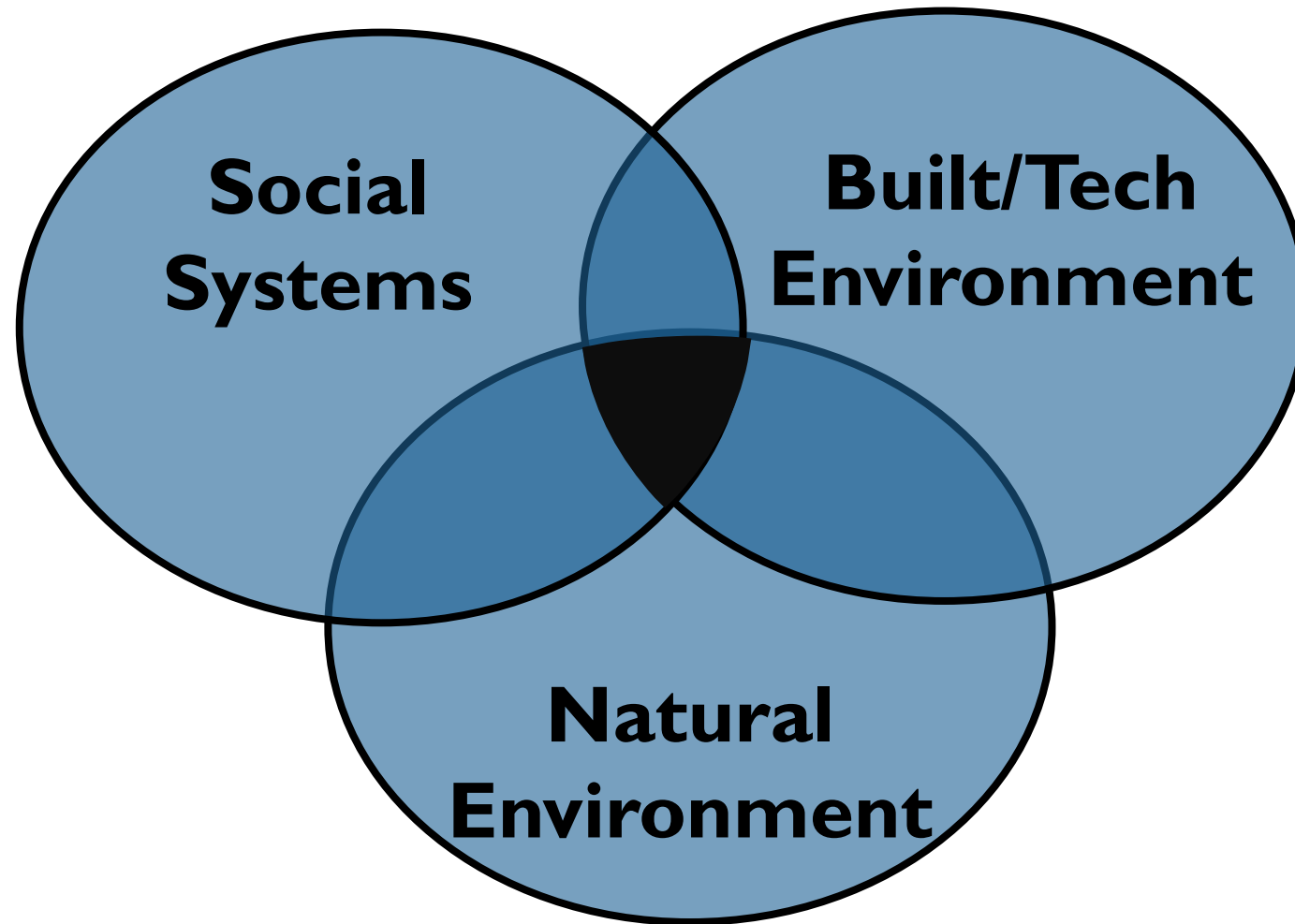


Resilience Is What We Do Not What We Have



- Where is the risk? (Resilience is Place-based)
- What is the risk? (Resilience to What?)
- What is at risk?
- Is the Economy resilient?

Risk Reduction and Resilience Requires Comprehensive View of SET Systems



Stakeholder Engagement

Steering Committee

Capacity/Capability Assessment

Community Engagement

Assessment & Analyses

Hazard, Sector & Environmental Profiles

Risk Assessment

Sustainability Analysis

Process

Mitigation Strategies/ Planning Framework

Sustainability/Resilience/Policy Recommendations

Hazard Mitigation Plan

Outputs

Thanks!



The VI is Losing People, but Builds More Infrastructure

