Stressor Extreme climatic events Uncertainty (ecological) Sp. distributional shifts Uncertainty (social) Ocean acidification Regulation change Market changes Stock decline Consolidation Globalization Adaptation options: Investment in new gear or innovations **Ecological** Investments to improve value chain Social Review programs / regulations Coordination and organization Institutional Dynamic ocean management Reductions in other stressors Disaster risk management Financial assistance or investment for entering, Context CC International agreements Ν Score Review programs / regulations Investment in new gear or innovations Coordination and organization 10 Transition out of fisheries 20 Financial assistance or investment for entering, International agreements Disaster risk management Individual property rights Community-based rights Dynamic ocean management Economic/community development Financial assistance to help survive bad fishing Financial assistance to help transition out of fish Investments to improve value chain Permit/license/quota banks

Research

Education

MPAs

Restoration Disaster funds

Insurance

MPAs

Cooperatives Disaster funds

Adaptation programs

Diversify livelihoods

Education

Enforcement Research

Enforcement

Adaptation programs

Diversify livelihoods

Market diversification