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** Adaptation programs Investments to improve value chain Social Review programs / regulations Coordination and organization Institutional Diversify livelihoods Dynamic ocean management Market diversification Reductions in other stressors Disaster funds 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 Disaster funds Individual property rights Adaptation programs Community-based rights Diversify livelihoods 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

Insurance

MPAs

Cooperatives

Education

Enforcement Research

Enforcement