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

Research **Enforcement**

Education

Restoration

Insurance

Research

MPAs Education

Restoration

Cooperatives

Disaster funds

Fair trade laws **Enforcement**

Diversify livelihoods

Market diversification Transition out of fisheries Adaptation programs Community-based rights

Individual property rights

International agreements

MPAs

International agreements

Market diversification

Adaptation programs

Diversify livelihoods

Individual property rights Disaster risk management