Stressor Extreme climatic events Uncertainty (ecological) Sp. distributional shifts Uncertainty (social) Ocean acidification Regulation change **Market changes** Stock decline Consolidation Globalization Adaptation options: **Ecological** Social Institutional Context CC Ν Score 10 20 50

Research

Enforcement

Adaptation programs

Investment in new gear or innovations

Review programs / regulations

Investments to improve value chain

Coordination and organization

Market diversification

Restoration

Education

Diversify livelihoods

Reductions in other stressors

MPAs

Dynamic ocean management

Disaster funds

Disaster risk management

Financial assistance or investment for entering,

Insurance

International agreements

Transition out of fisheries

Enforcement

Research

Review programs / regulations

Investment in new gear or innovations

Coordination and organization

Transition out of fisheries

Financial assistance or investment for entering,

MPAs

International agreements

Community-based rights

Disaster risk management

Adaptation programs

Cooperatives

Disaster funds

Education

Individual property rights

Investments to improve value chain

Reductions in other stressors

Diversify livelihoods

Dynamic ocean management

Economic/community development

Financial assistance to help survive bad fishing

Financial assistance to help transition out of fish

Permit/license/quota banks