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

Adaptation programs

Investment in new gear or innovations

Research

Diversify livelihoods

Enforcement

Education

Financial assistance or investment for entering,

Investment in new gear or innovations

Investments to improve value chain

MPAs

Restoration

Review programs / regulations