

## Linkages to the FUTURE Science Plan

Component 3: *How do human activities affect coastal ecosystems and how are societies affected by changes in these ecosystems?*

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| 3.1. What are the dominant anthropogenic pressures in coastal marine ecosystems and how are they changing?  | HIGH   |
| 3.2. How are these anthropogenic pressures and climate forcings, including sea level rise, affecting nearshore and coastal ecosystems and their interactions with offshore and terrestrial systems?   | MEDIUM |
| 3.3. How do multiple anthropogenic stressors interact to alter the structure and function of the systems, and what are the cumulative effects?  | HIGH   |
| 3.4. What will be the consequences of projected coastal ecosystem changes and what is the predictability and uncertainty of forecasted changes?   | MEDIUM |
| 3.5. How can we effectively use our understanding of coastal ecosystem processes and mechanisms to identify the nature and causes of ecosystem changes and to develop strategies for sustainable use? | MEDIUM |