



Name	Atlantis Ecosystem Model
Description	Current fishery management decisions are based on tactical models (short-term decision-making) that typically omit climate, oceanography, nutrient availability, food web interactions, and other aspects of ecology. Atlantis was developed as a full ecosystem simulation model that incorporates these factors in a spatially explicit way. The model is intended for use as a strategic planning tool (long-term decision-making) that can complement annual cycles of stock assessment and policy decisions by allowing users to test management policies and assessment methods against representations of complex ecosystems. Atlantis is primarily used in fishery applications where it allows users to identify tradeoffs between and among species, fishing gear types, management goals, and the direct and indirect effects of different management policies. Atlantis can also address issues related to marine habitat, nutrients, and biodiversity.
Type	- PRODUCTS: Maps (Imagery, geo-referenced data) - PRODUCTS: Viewers and Web-based Tools
Sector	- Managed Ecosystems - Economic Resources
Focus Area	- Sustainability of Marine Ecosystems - Conservation/ Restoration of Sensitive Species and Habitats
Region	- International - National - Regional Or State -- New England -- Mid-Atlantic -- Central - - Great Lakes -- South East
Lead Agencies	CSIRO
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