

The SYSTORY app allows creation of different scenarios for coastal ecosystems

THE TOOL: SYSTORY



WHAT KIND OF TOOL IS IT?

SYSTORY is an application (app) for Apple iPhones, iPads, Android phones and tablets, Windows PCs and Apple Mac computers.

WHAT ARE THE DIFFERENT PARTS TO IT?

SYSTORY has two parts — an 'explore' function and an 'experiment' function.

WHAT DOES IT DO?

SYSTORY assists managers to understand and visualise the dynamics of coastal systems and assess the influence of alternative scenarios on system trajectories over time.

HOW DOES IT WORK?

SYSTORY runs on Apple and Android phones and tablets. It has both 'explore' and 'experiment' functions. 'Explore' allows users to explore a story of the system and learn how coastal ecosystems and people interact. 'Experiment' allows users to run simulations for user-defined scenarios and see how these scenarios affect the behaviour of the system.

WHEN IS IT USED?

SYSTORY can be used for policy evaluation, community engagement or teaching. For instance, it can be used to assess the impact of land use zoning policies on fish habitat and fish catch, or the impact of fishing management policies (such as a cap on boat numbers) on fish catch and fish price. It can be used with community groups to explore the advantages and disadvantages of different policies and determine their preferred policies. It can also be used with students to teach them about how coastal systems work, and how they respond to different management scenarios.

IN WHAT FORMAT IS IT AVAILABLE?

SYSTORY is available as an app for iPhones, iPads, Android phones and tablets. From December 2018, it will also be available for Windows PCs and Apple Mac computers.

WHO IS THE TARGET END-USER?

- Government departments involved in community engagement and policy evaluation
- NGOs involved in community engagement
- Educational institutions teaching courses in systems thinking or system dynamics

WHAT USER SKILLS ARE REQUIRED?

No specific user skills are required.

WHERE DO YOU ACCESS THE TOOL?

For Apple iPhones and iPads, download SYSTORY from the Apple App store and for Android phones and tablets, download SYSTORY from the Google Play store. From December 2018, for Windows PCs and Apple Mac computers, download SYSTORY from the CCRES website (www.ceres.net).

WHAT IS THE COST OF USING THE TOOL?

SYSTORY is available free of charge, under the user agreement and stated terms and conditions (see www.ceres.net/terms).

IS TECHNICAL TRAINING OR SUPPORT REQUIRED?

No. SYSTORY contains a 'help' function for users.

