

EarthGirl 2

PREPARING FOR THE TSUNAMI



AN INTERACTIVE
CASUAL STRATEGY
GAME



EARTH
OBSERVATORY
OF SINGAPORE

An Interactive Casual Strategy Game with Social Impact

Earth Girl 2: Preparing for the Tsunami is an interactive game about making strategic decisions that can directly increase the survival rate in coastal communities during earthquake and tsunami scenarios. Earth Girl is the host and guide, and the player is the protagonist.

The game was developed by an interdisciplinary team of game artists and scientists at the Earth Observatory of Singapore. ***Earth Girl 2*** is based on real-life situations, with an emphasis on learning preparedness and survival skills. It was inspired by the kids who live in coastal communities throughout Asia, and by the stories told by survivors of recent tsunamis.

The action takes place in four main areas: the Market, the Map, the Toolbox, and two dozen game levels with evacuation scenarios. The gameplay encourages proactive exploration and discovery of these scenarios, with Earth Girl providing knowledge, tips and feedback throughout the game. The basic game play includes: learning about tsunami hazards by talking to people at the market, choosing tools based on a budget, exploring the site and making strategic decisions, and learning from watching the simulation. The level of success of players in this game depends on their level of interaction with the virtual community.



Players can explore each level, looking for weak spots that can be enhanced with selected tools. The strategies laid out by the player drive a crowd simulation.



At the market, players hear a variety of opinions about tsunamis. They must use their judgment to distinguish between fact and fiction.



The toolbox provides a budget based on level of difficulty, and three types of tools: infrastructure, technology and education.



The main goal of the
Earth Girl 2 game
is to save the people who live
in seaside communities.

The game is about:

SURVIVAL
EXPLORATION
ENGAGEMENT
PROACTIVE LEARNING
COLLABORATION
DISCOVERY
STRATEGY

