

## OCEAN EXPERT EXCHANGE EDUCATOR RESOURCES

TOPIC – ***Croc Talk: Conserving the American Crocodile at Turkey Point***

FEATURED EXPERT – ***Michael Lloret***

### RELATED LEARNING STANDARDS

**OCEAN LITERACY PRINCIPLES** - [Principle #5](#): The ocean supports a great diversity of life and ecosystems.

[Principle #6](#): The ocean and humans are inextricably interconnected.

### NEXT GENERATION SUNSHINE STATE STANDARDS -

- SC.4.L.17.4:** Recognize ways plants and animals, including humans, can impact the environment.
- SC.5.L.17.1:** Compare and contrast adaptations displayed by animals and plants that enable them to survive in different environments such as life cycles variations, animal behaviors and physical characteristics.
- SC.6.N.2.3:** Recognize that scientists who make contributions to scientific knowledge come from all kinds of backgrounds and possess varied talents, interests, and goods.
- SC.7.L.17.3:** Describe and investigate various limiting factors in the local ecosystem and their impact on native populations, including food, shelter, water, space, disease, parasitism, predation, and nesting sites.
- SC.7.N.1.5:** Describe the methods used in the pursuit of a scientific explanation as seen in different fields of science such as biology, geology, and physics.
- SC.912.N.1.1:** Define a problem based on a specific body of knowledge; pose questions, conduct systematic observations, examine books and other sources of information to see what is already known...
- SC.912.L.17.4:** Describe changes in ecosystems resulting from seasonal variations, climate change & succession.
- SC.912.L.17.8:** Recognize the consequences of the losses of biodiversity due to catastrophic events, climate changes, human activity, and the introduction of invasive, non-native species.
- SC.912.L.17.20:** Predict the impact of individuals on environmental systems and examine how human lifestyles affect sustainability.

### SUPPLEMENTAL RESOURCES

- Activity Book – Florida Power & Light [Turkey Point Croc Program](#) (Grades K-6)
- Reading – Florida Power & Light [American Crocodile](#) (Grades 5-12)
- Reading – NextEra Energy [FPL biologist dedicates life to endangered species](#) (Grades 5-12)
- Video Short – Florida Power & Light [Another successful crocodile hatching season at the Turkey Point Clean Energy Center's cooling canal system](#) (Grades 6-12)
- Documentary – PBS Terra [Why Crocodiles Are Thriving in the Shadow of A Nuclear Plant](#) (Grades 4-12)
- Documentary – Mutual of Omaha's Wild Kingdom | Protecting the Wild [Nuclear Crocs of the Everglades](#)
- Documentary – Real Wild | Changing Seas [Saving The American Crocodile From Poachers](#) (Grades 7-12)
- Video Short – Nat Geo Kids [Cool Facts About Alligators & Crocodiles | Things You Wanna Know](#) (Grades 2-6)
- Video Short – National Geographic Animal Jam [Dr. Gabby Wild | The American Crocodile](#) (Grades 4-8)
- Video Short – Florida Fish & Wildlife Conservation Commission [Living with American Crocodiles](#) (Grades 4-12)
- Resource Library – Florida Fish & Wildlife Conservation Commission [American Crocodile](#) (Grades 4-12)
- Resource Library – U.S. Fish & Wildlife Service [American Crocodile](#) (Grades 7-12)
- Resource Library – Climate Adaptation Explorer [American crocodile](#) (Grades 5-12)
- Resource Library – Science News Explores [Let's learn about alligators and crocodiles](#) (Grades 5-12)
- Reading – Frontiers for Young Minds [Breathing in Birds and Crocodiles: What's Different, What's the Same, and Why Does It Matter?](#) (Grades 4-12)