

Peak Area Leadership in Science

Professional Development Opportunities
for Secondary Science Teachers

Three Ways to RSVP:

- www.sciencehubs.org
- email: RSVP@sciencehubs.org
- call Tammy Johnnie at
(719) 337-1552

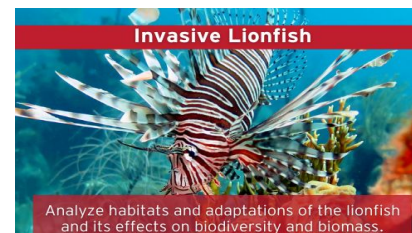
Invasive Lionfish Program and Human Impact Ecological Impact and Engineering Design Wednesday, March 1, 2023

Colorado Parks and Wildlife Classroom, 4255 Sinton Rd, Colorado Springs, CO 80907



4 PM – 7 PM
(Program starts @ 4:30)

Presented by:
Hilary Penner, REEF.ORG



Remember to Bring...Your science notebook*!

* PALS provides a free science notebook at your first meeting of the year !

· Masks recommended indoors, but not required.

Agenda:

4-4:30 Welcome and snacks

4:15- 5:00 The Invasive Lionfish Project Slideshow for Background Information

5:00 -5:45 Grades 6-8 Lesson Demonstration, Crime Fish Investigation

5:45- 6:00 Break / Raffle

6:00- 6:45 High School Lesson Demonstration, Research Project Sample

6:45-7:00 Raffle / Questions and evaluations



**LIGHT DINNER, SNACKS &
WATER / POP
PROVIDED**



Lionfish Invasion. Why is this an issue?

Known for their show stopping appearance, venomous spines and damage to local reefs, invasive lionfish, are the first non-native marine fish to become established in the Atlantic. Lionfish pose a significant threat to local marine ecosystems due to widespread predation of native species, prolific reproduction and lack of controlling predators.

Learning Outcomes:

- Confidently access and integrate NGSS aligned REEF lessons into your existing curriculum
- Provide background information to students on Invasive Lionfish Program and Human Impact-Ecological Impact and Engineering Design
- Share how scientists work in the field, collect data, and use scientific and engineering design process

This workshop is made possible by GENEROUS funding from the
The Mikkelson Education Fund...

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**Providing Support for Teachers
to Improve Technical Knowledge and Skills**

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Photo at top provided by Rose DiCenso.

In compliance with Colorado School of Mines regulations, children of participants may not attend Hub meetings or activities.
PLEASE - If you sign up for this hub meeting and have to cancel, contact TAMMY asap. - **PLEASE**