# CCAST as the Foundation of a Non-Native Aquatic Species Community of Practice in the Southwest

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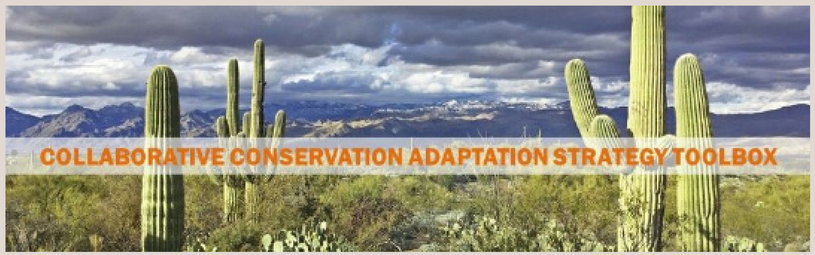
## What is CCAST?

- Collaborative Conservation and Adaptation Strategy Toolbox (CCAST)

- An online platform to share Syntheses and Case Studies that provide useful information and lessons learned from on-the-ground science, conservation, and restoration

- CCAST, and the Communities of Practice it supports, is building partnerships and tools to help address natural resources challenges

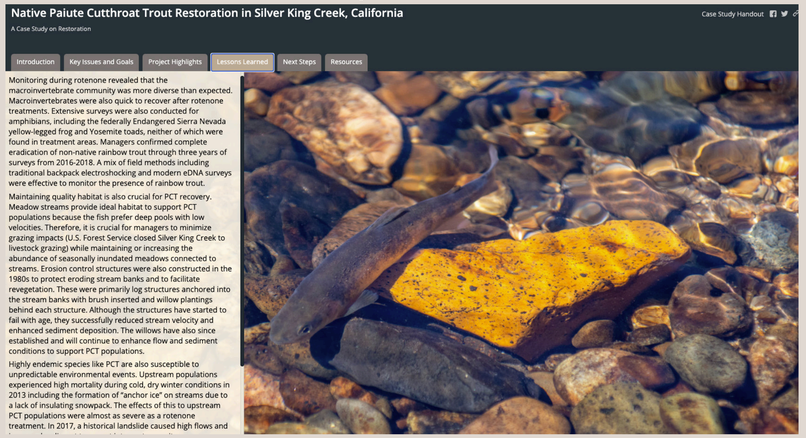
- The CCAST Team cooperates with over 150 individuals from dozens of organizations to increase and improve communication, develop tools to support landscape conservation and restoration, inform management decision-making, and develop actionable science




## The CCAST Team

- 2 Federal Directors (USFWS and Reclamation)
- 4 Coordinators (UArizona, USGS OK-TX, USDA SW Climate Hub)
- 3 Community of Practice Leads (UArizona and U Nebraska-Lincoln)
- Case Study Authors:
  - 1 Program Analyst (Reclamation)
  - 8 Undergraduate students (UArizona)
  - 3 Student interns (USGS OK-TX)
  - 1 Undergraduate intern (N. Arizona University)
- 2 Web Developers/Data Managers (Reclamation)
- Working Group: 100+ partners from across the West
- Non-native Aquatics CoP: ~40 partners from AZ, CA, NM, and NV

## CCAST Products: Case Study




## CCAST Case Study Development Process

**1**) Practitioners, managers, or researchers provide material, **2**) CCAST staff develop draft, **3**) Internal/contributor review, **4**) External CCAST peer review, and **5**) Online publication

## CCAST Partnerships

*SW Non-Native Aquatic Species Community of Practice (CoP)*

- A CoP is a group of individuals that regularly interacts to learn how to more effectively conduct their work and achieve common goals

- Launched in Spring 2020, the CoP is a central place to learn from non-native aquatic species control efforts and prioritize research needs

- To date, the CoP is:
  - Developing non-native aquatic species focused Case Studies
  - Writing syntheses on Bullfrogs, Green Sunfish, Salmonids, and more
  - Cataloging treatment goals, level-of-effort, funding, and success
  - Creating a Non-Native Aquatic Species Storymap for CCAST
  - Planning a workshop to discuss non-native treatment options

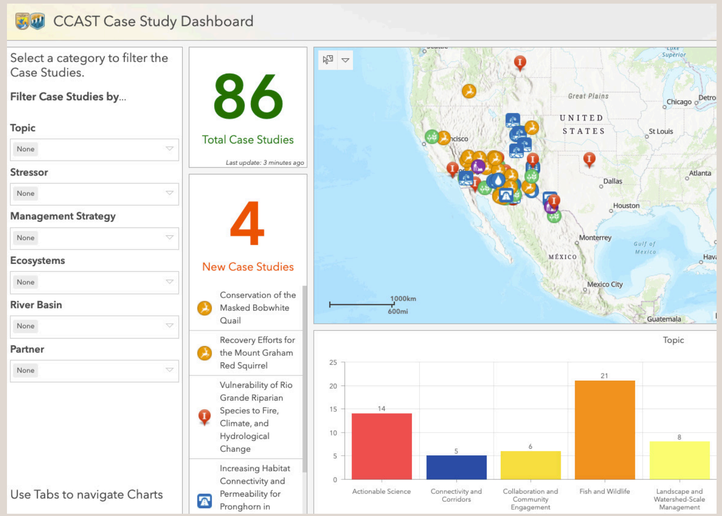
**CCAST Case Study**: "Landscape-Level Eradication of Bullfrogs for Native Aquatic Species Recovery in Southern Arizona."

https://arcg.is/1GOS4X

*Photos by: Arizona Game and Fish Department*

## CCAST Accessibility

*Interactive map from CCAST website (October 2020)*:




## Additional Work

- Emerging CoP focal areas include: Drought Adaptation, Pollinator Conservation, and Grassland Restoration

- Expand opportunities for undergraduate students to produce Case Studies within CoP focal areas and in their areas of interest

## Why Use CCAST and the SW Non-Native Aquatic Species CoP?

- The CCAST staff is a resource to help promote your aquatic research, conservation, or restoration work to a widespread audience

- Learn practical lessons from implemented projects

- Connect with practitioners across a diverse geography

- Provide insight for students and professionals interested in conservation, science communication, and developing a professional network

**To sign up for the SW Non-Native Aquatic Species CoP or contribute a Case Study, please contact Alex Koeberle: akoeberle@arizona.edu**

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