

# Share your work with future scientists!

Frontiers for Young Minds is publishing a collection of cutting-edge papers on San Francisco Estuary research for 8-15 year old “young minds”

## Title: Where the River Meets the Ocean: Stories from San Francisco Estuary

### We need

- Great stories
- Desire to share research
- A little imagination

### Format

- 1500-word manuscripts
- 3 figures
- 5 references

### Style

- Young person language friendly
- Age appropriate (8-11 and 12-15)
- Interesting

### Status

- Still accepting 150-word abstracts
- Submission of final manuscripts Oct 1

### Schedule

- Abstract submission open
- Manuscript due Oct 1, 2020

### Full open-access

- Free to publish
- Free to read



## Check it Out !!

[kids.frontiersin.org/collection/13528/where-the-river-meets-the-ocean-stories-from-san-francisco-estuary](https://kids.frontiersin.org/collection/13528/where-the-river-meets-the-ocean-stories-from-san-francisco-estuary)

Publisher: Frontiers In

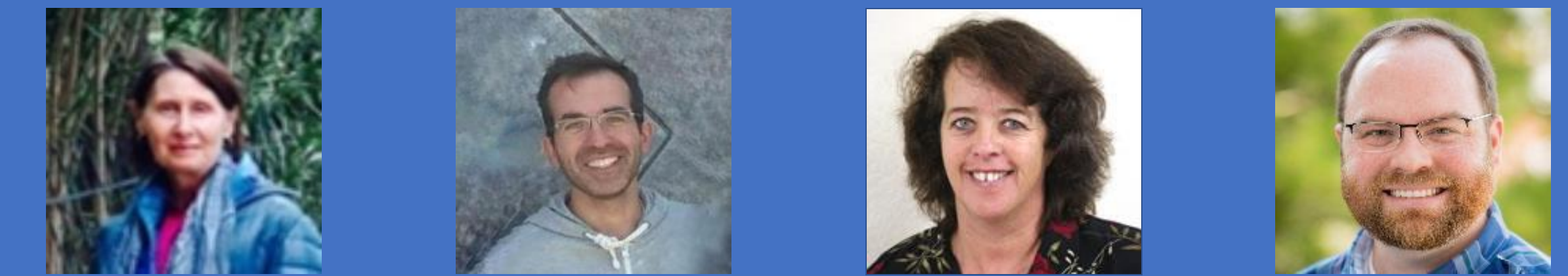


[kids.frontiersin.org/about/journal](https://kids.frontiersin.org/about/journal)



## Interested? Have research to share?

### Contact the Host Editors



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## Current List of Papers

### Habitat

#### What is an Estuary?

S. Culbertson  
Delta Science Council, Sacramento, CA

#### How Climate Change is Affecting Nature in the San Francisco Estuary and What We Can Do About It

A. Keeley, E. Bush, D. Chapple  
Delta Science Council, Sacramento, CA

#### Marsh Madness: Restoring Wetlands in our Estuaries

S. Sherman, R. Hartman  
California Department of Fish and Wildlife; California Department of Water Resources

#### The Dangerous Disappearance of Delta Dirt

D. Stern, D. Chapple, C. Copeland  
Delta Science Council, Sacramento, CA

#### We Make the Environment and the Environment Makes Us

A. Kraus-Polk, J. Fulton  
University of California, Davis, CA; California State University, Sacramento, CA

#### Fish Love Floods: Benefits of Floodplains in the San Francisco Estuary

B. Schrieler, C. Pien, A. Casby  
California Department of Water Resources, West Sacramento, CA

#### Food Webs: Sticking Ecosystems Together

C. Newell, J. Durand  
University of California, Davis, CA

### Water Quality

#### Goldilocks and the San Francisco Estuary: How Scientists Determine When Water is “Just Right” for People, Fish, and Other Creatures

M. Martinez, T. Flynn  
California Department of Water Resources, West Sacramento, CA

#### Are You a HAB Warrior?

P. Lehman, T. Kurobe, T. Otten, M. Peacock, S. The  
California Department of Water Resources, West Sacramento, CA; University of California, Davis, CA; Bend Genetics, Sacramento, CA; Northwest Indian College, Bellingham, WA

#### How Can We Use Computer Models to Predict the Future of San Francisco Bay?

M. MacWilliams, E. Ateljevich, S. Monismith  
Anchor OEA, San Francisco, CA; California Department of Water Resources, Sacramento, CA; Stanford University, Stanford, CA

#### Nutrients Go ‘Round and ‘Round

A. Tung, J. Durand  
University of California, Davis, CA

#### Keeping Track of Our Water Quality from the Sky

F. Mejia, C. Torgersen  
U. S. Geological Survey, Seattle, WA

#### Toxic Meals for Sharks and Seals: Monitoring for Mercury in the San Francisco Bay

J. Cossaboon, S. Acuna, T. Kurobe, B. Hammock, M. Stillway, S. Teh.  
University of California, Davis, CA; Metropolitan Water District, Sacramento, CA

#### How are Microplastics Invading the World?

C. Lujan-Vega, J. Ortega-Alfaro, J. Cossaboon, S. Acuna, S. Teh.  
University of California, Davis, CA

#### Poison is in the Dose – How do We Know Our Water is Safe?

C. Lam, S. Acuna, M. Stillway, T. Kurobe, S. Teh.  
University of California, Davis, CA; Metropolitan Water District, Sacramento, CA

#### What Doesn’t Kill You Can Make You Weaker: How Do Herbicides Hurt Fish in the San Francisco Estuary

K. Huynh, T. Kurobe  
University of California, Davis, CA

### Conservation

#### The San Francisco Estuary is a Hotel for Millions of Migrating Birds

K. Mertz, A. Karasov-Olson, J. Eadie, C. Feldheim  
University of California, Davis, CA; California Department of Water Resources, West Sacramento, CA

#### Moving Food to Feed Endangered Delta Smelt

L. Twardochleb, B. Davis, M. Bedwell, L. Dixit, J. Frantziach  
California Department of Water Resources, West Sacramento, CA

### Invasive species

#### Aliens from an Underwater World

P. Morais, J. Encarnação, M. Teodosio  
University of Algarve, Portugal

#### Can Plants be Engineers?

L. Conrad  
Delta Science Council, Sacramento, CA

#### If You Give a Clam an Estuary: The Story of Potamocorbula

F. Parchaso, K. Shrader, E. Smith, J. Thompson  
U. S. Geological Survey, Menlo Park, CA

#### Black Sea Jellyfish: New Friend or Foe?

C. Newell, J. Durand  
University of California, Davis, CA

### Plants and Animals

#### Estuaries, a Happy Place for Fish

P. Morais, E. Dias  
University of Algarve, Portugal; CIIMAR Research Institute, Portugal

#### Small Shorebirds Feast on Green Slime to Fuel their Long Migration

L. Hall, S. De La Cruz, I. Woo, T. Kuwae, J. Takekawa  
U. S. Geological Survey, Sacramento, CA; Suisun Resource Conservation District, CA

#### Muddled Mysteries of Young Lamprey in the San Francisco Estuary

P. Goertler, K. Holley, N. Kwan  
Delta Science Council, Sacramento, CA; California Department of Water Resources, West Sacramento, CA

#### The Central Valley Salmon Story: Four Million Years in The Making

P. Goertler, K. Holley, N. Kwan  
NOAA, Sacramento, CA

#### The incredible salt marsh harvest mouse

K. Smith, L. Barthman-Thompson  
University of California, Davis, CA; California Department of Fish and Wildlife

#### Powering Life in the Water: Phytoplankton Growth in the San Francisco Estuary

A. Parker, P. Lehman  
California State University Maritime; California Department of Water Resources

#### The Clever Strategies Fish Use to Survive in San Francisco’s Dynamic Estuary

R. Fichman, L. Lewis, J. Kuntz, A. Scott, M. Willmes, A. Khen, J. Hobbs  
University of California, Davis, CA; University of California, San Diego, CA

#### Where the Young Fish are: How we Monitor Larval Fish and their Habitat

S. Slater, L. Damon  
California Department of Fish and Wildlife, Stockton, CA

#### Would You Like to Meet a Fish that Outlived the Dinosaurs?

P. Vick  
National Marine Fisheries Service, Seattle, WA

#### The California Juvenile Salmon “Toll Network”

F. Cordoleani, J. Notch  
National Marine Fisheries Service, Seattle, WA

#### San Francisco Estuary CSI: Using DNA to Investigate the Case of the Missing Delta Smelt

M. Bedwell, C. Stuart, M. Baerwald  
California Department of Water Resources, West Sacramento, CA

#### Ways Wetland Plants Deal with Stress

T. McCleery Sloey  
Old Dominion University, Norfolk, VA

#### A Fish Story: Hot Water and Bad Behavior!

B. Davis, T. Sommer, N. Fangue, A. Todgham  
California Department of Water Resources, West Sacramento, CA; University of California, Davis, CA;