



GoPro TV/Film/Photo

Basic Information

Applicant Name	Marc Los Huertos
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State	California
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Country	United States

Production Information

Production Name	Filming the Santa Ana sucker
Start Date	2016-09-01
End Date	2016-09-20
Release Date	2016-10-07
Previous Productions	None
Distribution Plan	Pomona.edu website
TV/Media Exposure	No

Social Media Information

Facebook Link	https://www.facebook.com/marc.loshuertos
No. of fans/friends	100
Twitter Link	
No. of followers	
Instagram Link	
No. of followers	
YouTube Link	
No. of Subscribers	
No. of YouTube Views Overall	
Vimeo Link	
Website	
Blog	

Proposal

The Santa Ana sucker is a secretive fish. Its movement and behavior are inconsistent with humans are present. Worse, the population in the Santa Ana River is limited to a 500 meter length reach because of urbanization and flood control infrastructure. The fish is an herbivore -- but the an introduced tropical species of algae appears to have out-competed the fishes preferred food (diatoms). My

Proposal - 200 to 750 words

class will be working with the US Fish and Wildlife service to film the behavior of the Santa Ana sucker and evaluate it's behavior around a invasive species and predators. The fish is listed as endangered and we have no information on how it uses various habitat types --- those with predators, areas where an invasive algae has supposedly degraded it's habitat. We will use 10-12 Gopro cameras to monitor fish movement and habitat use in the Santa Ana River and publish our results in a report and create a video with our results. The use of these cameras will be the first time fish behavior has been captured with such intensity and rigorous scientific design that will demonstrate the value of these cameras to other researchers. Without a doubt, this project will link the value of video to conservation biology that will demonstrate the value of this tool AND will provide the public with fascinating glimpse of an endangered species in one of the most highly urbanized rivers in the USA. NOTE: If this proposal is funded, my students will create a sophisticated social media site to to promote the GoPro and the results of our study. (In the meantime, I usually try to limit my on-line presence).

File Upload (Formal Proposal)

No