



Tolowa Dee-ni' Nation

140 Rowdy Creek Rd, Smith River, CA 95567-9525
Ph: (707) 487-9255 Fax: (707) 487-0930

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Council Secretary

Dr. Joseph Giovannetti
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Council Member

Kara Brundin-Miller
Council Member

Cari Nelson
Council Member

August 3, 2018

To whom it may concern,

On behalf of the Natural Resources Department of the Tolowa Dee-ni' Nation, I am writing this letter to commit our support and participation in the Tribal Intertidal Digital Ecological Surveys (TIDES) Project. As foundational members of the TIDES Project team we plan to dedicate two part-time employees, our Marine Program Manager and Tribal Resource Specialist to the co-development of standard operating procedures, training workshops, methodological adaptations, and software development, as well as facilitating participation of additional Tribal Government partners in the project. The outcomes and results of the TIDES Project will be presented to our Tribal Council and actively incorporated into our coastal monitoring and management plans, and will help to inform our tribal regulations.

The TIDES Project supports our ability to meet our department mission, "to preserve and protect the natural and cultural resources of both the Tolowa Dee-ni' Nation and Tolowa aboriginal territory." It is rare that Tribal Nations are actively included from the very start of research and monitoring programs, which makes the TIDES Project all the more unique and meaningful. This project presents an important learning opportunity for effective collaboration among academics, state managers, and Indigenous Nations of California while also producing high-performing ecological data across large scales. We are excited to help build the TIDES Project, which will enable us to better protect our marine habitats and resources in the realities of a changing climate. It is equally important to us that the TIDES Project will effectively create digital archives of culturally important resources, both for the purposes of extensive research and for preservation and connection to these important places for future generations.

I strongly urge you to accept this funding proposal as the TIDES Project represents an important scientific and methodological advancement to the study of sea-level rise impacts on the rocky intertidal, as well as a truly collaborative approach to coastal management. We will continue to promote the TIDES Project in order to facilitate participation of additional Tribal Governments as new partners in the project, which will ultimately yield a far-reaching and data-rich monitoring program across the state's coast. We will also work with the entire TIDES Project team to carry the lessons learned through this project on effective partnership with Tribal Governments in resource monitoring to promote this kind of collaborative approach in the future.

Please do not hesitate to contact me if you have any questions. Sincerely,

Megan Van Pelt
Natural Resources Director



*Kashia Band of Pomo Indians
of the Stewarts Point Rancheria*

August 2, 2018

Re: Letter of Support from Kashia Band of Pomo Indians of Stewarts Point Rancheria for the Tribal Intertidal Digital Ecological Surveys Project

To Whom It May Concern,

The Kashia Band of Pomo Indians of Stewarts Point Rancheria is writing in support of the Tribal Intertidal Digital Ecological Surveys (TIDES) Project funding application. As a coastal people the Tribe has gathered marine resources including abalone, mussels, sea anemone, seaweed and salt within the rocky intertidal zone for generations. Maintaining the ability to gather these resources ensures the continuance of Kashia cultural traditions and practices. Kashia plans to actively participate in the TIDES Project and use it as a stepping stone to develop its own coastal monitoring program and coastal management plan designed to protect, preserve and promote the re-establishment of marine resources along the Kashia Coastal Reserve.

We are excited to collaborate on this project that will assist in climate adaptation planning to better protect marine habitats while creating a high-resolution 3D archive of the intertidal extent for posterity and further investigation as new research questions arise in the future. Having the ability to implement unique and cost effective monitoring strategies that will effectively collect data on community composition and habitat availability in rocky intertidal areas is vital for long term monitoring.

This is an important project that should be funded both due to its scientific merit, methodological innovation, and as it establishes the framework for additional Tribal Governments to adapt this cutting edge technology into their intertidal monitoring programs. We plan to help disseminate lessons learned from this project on how to effectively partner with Tribal Governments and incorporate Tribal perspective in resource monitoring and management widely.

Thank you for the opportunity to voice our support for this proposed work and to briefly explain how this collaboration can benefit all involved.

Respectfully,


Dino Franklin
Tribal Chairperson

UC San Diego

August 6, 2018

To whom it may concern:

As the Director for the Intertribal Resource Center at UC San Diego, I am writing today to express my support for the Tribal Intertidal Digital Ecological Surveys (TIDES) Project. Our center is committed to supporting the TIDES Project by serving as a community partner and liaison between the campus and the local tribal community. We fully support the work and ongoing goals of the project to advance research in the area of climate adaptation planning and the protection of marine habitats.

The TIDES Project offers a unique and valuable opportunity to enhance positive relationships between the university and local tribal communities in a meaningful way. Our tribal nations have an important and historical relationship with our surrounding waterways. That is why it is of the utmost importance to include tribal nations and tribal perspectives in the development of coastal resource monitoring and management initiatives. Although tribal perspectives are generally overlooked in this area, the TIDES Project recognizes and honors this connection.

The creation of a high-resolution 3D archive of the intertidal extent is an exciting prospect for the tribes who will be involved. The project can help preserve cultural connections to our coastal resources that are currently threatened; and the methods used by the TIDES Project make tribal collaboration easy and accessible.

This is an important project that will enable tribal governments to incorporate cutting edge technology along with traditional knowledge in their adaptive coastal management plans. We look forward to the opportunity to support the integration of our local tribes in this important work.

Thank you.

Sincerely,



Elena Hood, Ed.D.
Director, Intertribal Resource Center
UC San Diego

Intertribal Resource Center

University of California San Diego • 9500 Gilman Drive # 0028 • La Jolla, California 92093-0028
Tel: (858) 822-0048 • hood@ucsd.edu



NATURAL RESERVE SYSTEM
9500 GILMAN DRIVE
LA JOLLA, CALIFORNIA 92093-0116

TELEPHONE: (858) 534-2077
FAX: (858) 822-0696
e-mail: nrs@ucsd.edu
<http://nrs.ucsd.edu>

August 6, 2018

RE: Tribal Intertidal Digital Ecological Surveys (TIDES) Project: Using Large-Area Imaging to Assess Intertidal Vulnerability to Sea-Level Rise with Coastal Indigenous Nations

To Whom it May Concern:

I am writing this letter in support of the TIDES Project to conduct research in the Scripps Coastal Reserve (SCR), part of the statewide University of California Natural Reserve System.

On behalf of the UC Reserve System, we strongly support this project for its potential to contribute to and advance our ongoing intertidal monitoring program at the Scripps Coastal Reserve. I have personally worked with this team previously and have first-hand experience of both the field implementation and transferrable methodology proposed herein, as well as the robust and visually captivating 3-dimensional habitat maps produced. I believe the outreach and educational value of this project and potential for developing intuitive decision support tools that could be used in adaptive management planning warrant the funding request of this proposed project.

If this project is funded, the SCR will provide logistical support to the TIDES Project as available, in terms of providing access to study sites, securing necessary permits, and collecting data. When opportunities arise, I will also help to provide outreach opportunities at SCR, which will maximize the project's impact within the UC system, San Diego County and more broadly.

We strongly urge you to accept the TIDES Project funding request and recognize the important work proposed here that is especially needed at the Scripps Coastal Reserve – also known as the San Diego-Scripps State Marine Conservation Area -- and across California's Marine Protected Areas.

Please feel free to contact me if you have any questions.

Thank you,

A handwritten signature in cursive script that reads 'Isabelle Kay'.

Isabelle Kay
Administrative Director and Reserves Manager
UCSD Natural Reserve System
Office: (858) 534-2077
Fax: (858) 822-0689
2802 APM annex
Scholars' Drive North
UC San Diego
92093-0116

Subject: Fwd: Re: [EXTERNAL] Re: Letter of Support for OPC grant proposal?
From: Jen Smith <jes013@ucsd.edu>
Date: 8/6/2018 5:03 PM
To: Jennifer Smith <jes013@ucsd.edu>

----- Forwarded Message -----

Subject: Re: [EXTERNAL] Re: Letter of Support for OPC grant proposal?
Date: Mon, 6 Aug 2018 16:49:47 -0700
From: Keith Lombardo <keith_lombardo@nps.gov>
To: Jen Smith <jes013@ucsd.edu>

Hi Jen,

RE: Tribal Intertidal Digital Ecological Surveys (TIDES) Project: Using Large-Area Imaging to Assess Intertidal Vulnerability to Sea-Level Rise with Coastal Indigenous Nations

To Whom it May Concern:

I am pleased to provide this letter of support for the TIDES Project, which offers a truly collaborative approach to advancing intertidal ecology and sea level rise vulnerability assessments that will advance our understanding of both areas.

On behalf of the National Park Service, we strongly support this project for its potential to contribute to and advance our operational intertidal monitoring program at Cabrillo National Monument and Scripps Coastal Reserve. I have personally worked with this team previously and have first-hand experience of both the field implementation and transferrable methodology proposed herein, as well as the robust and visually captivating 3-dimensional habitat maps produced. I believe the outreach and educational value of this project and potential for developing intuitive decision support tools that could be used in adaptive management planning warrant the funding request of this proposed project.

If this project is funded our organization is committed to providing logistical support to the TIDES Project teams in accessing study sites, securing necessary permits, and collecting data. I will also help to guide the development of the TIDES Project into a long-term monitoring plan by contributing my expertise in this area gained through years of managing sustainable monitoring programs at the proposed San Diego study sites. Importantly, I will also assist in disseminating project outcomes and results to the larger coastal management community. Finally, we will provide outreach opportunities at Cabrillo National Monument, which will maximize the project's impact within San Diego County and more broadly.

We strongly urge you to accept the TIDES Project funding request and recognize the important work proposed here that is especially needed at Cabrillo National Monument and across California's Marine Protected Areas.

Please feel free to contact me if you have any questions.

Thank you,

Cheers,

Keith

Keith Lombardo, Ph.D.

Director, Southern California Research Learning Center

National Park Service

1800 Cabrillo Memorial Drive

San Diego, CA 92106

keith_lombardo@nps.gov