Gene Massion

From: Brian Burke - NOAA Federal <brian.burke@noaa.gov>
Sent: Wednesday, October 12, 2022 4:14 PM
To: Dan Holland - NOAA Federal
Cc: Jennifer Fisher - NOAA Federal; magene@mbari.org
Subject: Re: FW: MBARI project that may be of interest to you

Thanks Dan. I'll check around and see if there's interest/opportunity.
-Brian

Brian J Burke, PhD
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On Wed, Oct 12, 2022 at 3:06 PM Dan Holland - NOAA Federal <dan.holland@noaa.gov> wrote:

> HI Jen and Brian,
>
> I got this inquiry from an engineer at MBARI. It's a bit outside my lane, but I thought you might be interested or could suggest a contact for Gene.
>
> Dan Holland
> Senior Scientist, NWFSC
>
> ---------- Forwarded message ---------
> From: **Gene Massion** <magene@mbari.org>
> Date: Wed, Oct 12, 2022 at 2:51 PM
> Subject: FW: MBARI project that may be of interest to you
> To: <dan.holland@noaa.gov>
>
> Hello Dr. Holland
>
> Here's the follow up to my unsolicited phone call from left field. As I mentioned, I'm an engineer at the Monterey Bay Aquarium Research Institute (MBARI) in Moss Landing, CA. One of MBARI's goals is to move the technology we develop to the ocean sciences community outside of MBARI with policy making agencies explicitly identified as a target. Here's the project that may be relevant to the PFMC.
>
> We've developed a biogeochemical profiling float aimed at working in the coastal zone or anywhere in the upper 350 meters of the ocean. This float measures conductivity, temperature, depth, oxygen, pH, nitrate, optical radiation, fluorescence and backscatter. The float is pretty configurable and we've supported a variety of other instruments. In addition, deeper depths are very doable. 350 meters was just our immediate science requirement. The advantage of profiling floats is they can make measurements with little operation or maintenance cost. For example, we think we can get a profile of all the parameters mentioned above once a week for more than a year with little or no at-sea intervention. We originally pitched the project to MBARI management as eventually being a useful tool for policy managers and mentioned fishery managers specifically. In addition, we're submitting a proposal to the NOAA Ocean Technology Transition program early next year and are looking for NOAA scientists with an interest in using the data.
>
> We're at the point where a conversation with an actual fishery scientist or fishery manager would be invaluable. If you could forward this to anyone you think may be interested in, that would be great.

Here’s more information if you are interested.

https://www.mbari.org/coastal-profiling-float/

https://www3.mbari.org/chemsensor/cpfviz.htm

https://www.grants.gov/web/grants/view-opportunity.html?oppId=342720&utm_medium=email&utm_source=GovDelivery

In any event, thanks for your time.

Gene Massion

he/him/his
Ocean Engineer
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Advancing marine science and engineering to understand our changing ocean.

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Dan Holland
Pronouns: he/him/his
Northwest Fisheries Science Center
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