

Project Endorsement Form

1. PROJECT TITLE

Full title	Equatorial currents and undercurrent in the Indian Ocean
Acronym	EUC
Website	
Keywords (up to 10, describing the project research)	Equatorial undercurrent
New initiative or continuing programme?	The research started in the 1970, but there was a long time gap in the researches, which resumed in 2017.

2. APPLICANTS

Lead applicant / Project Leader / key research contact person:

First name	Victor
Last name	Neiman
Affiliation	Shirshov Institute of Oceanology
Postal address	Nakhimovsky pr.36, 117997 Moscow, Russia
Country	Shirshov Institute of Oceanology
Telephone	+7 499 124 63 96
Email address	Vneiman2007@yadex.ru
Institutional or personal website	www.ocean.ru

Other key participants / research team leaders: (repeat as needed)

First name	Eugene
Last name	Morozov
Role in the project	Scientist
Affiliation	Shirshov Institute of Oceanology
Country	Russia
Email address	egmorozov@mail.ru
Institutional or personal website	http://www.ocean.ru/eng/component/option,com_contact/task,view/contact_id,15/Itemid

First name	Sergey
Last name	Shapovalov
Role in the project	Scientist
Affiliation	Shirshov Institute of Oceanology
Country	Russia
Email address	smshap@ocean.ru
Institutional or personal website	www.ocean.ru

N.B.: Please note that all these names and contact details will be added to the IIOE-2 membership database.

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3. ABSTRACT– Brief description of the project: (1/4 page maximum)

This will be placed on the IIOE-2 Website after endorsement.

We are studying the equatorial subsurface undercurrent in the Indian Ocean (the Tareev Current). The program of research started in the early 1970s, but was interrupted due to economical reasons. The program resumed in 2017. According to the plans of the field works, the Russian research ship “Akademik Boris Petrov” is planning to occupy a hydrographic section across the equator along the 65° E meridian with CTD and LADCPC measurements. This section will repeat the section occupied in 1974 from R/V “Vityaz”. This was a section with temperature and salinity measurements and moored measurements of currents [M.N. Koshlyakov, E.G. Morozov and V.G. Neiman, Historical findings of the Russian physical oceanographers in the Indian Ocean, *Geoscience Letters* 2016 3:17 DOI 10.1186/s40562-016-0051-6]

4. LINKS TO IIOE-2 SCIENCE PLAN: (1/2 page maximum)

How do you anticipate your project to contribute to the IIOE-2 strategy and science delivery, with reference to which (either one or more) of the six IIOE-2 Science Plan themes that your project responds. Please state the specific issues and questions addressed by your project in the context of the IIOE-2 Science Plan themes and key issues.

Theme 4: Circulation, Climate variability, and Change

5. REGION(S) OF STUDY

Provide a description of ‘where’ the research is to be conducted (for field based activities) and/or the region or regions to which the research pertains (you are encouraged to consider providing a figure as an addendum to your proposal).

The research will be conducted in the equatorial region of the Indian Ocean along the 65° E meridian.

6. TIMETABLE OF THE PROJECT

Start date: February 2017

End date:

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7. LINKAGES WITH OTHER PROJECTS / PROGRAMMES / INITIATIVES

Is the project part of a related national or multi-national activity?

If yes, provide the related activity title and website for reference, if available:

Program of the Presidium of Russian Academy of Science «World Ocean: multidisciplinary researches»
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Is your project part of, or affiliated to, another SCOR, IOC or IOGOOS activity or project?

If “yes”, please indicate which activity or project:

No

8. DATA MANAGEMENT

1. Will new data be collected as part of this project (yes or no?)

Yes

Contact information if any, of the person in charge of the data management from whom the metadata can be accessed by interested IIOE-2 stakeholders.

Please note that for all IIOE-2-endorsed projects, IIOE-2 will have developed its own metadata portal. Once the project is endorsed, the project leader will be asked to provide the metadata information of the project.

Eugene Morozov egmorozov@mail.ru

9. FUNDING

Please note that IIOE-2 strongly encourages funded/resourced projects. However, IIOE-2 may endorse projects yet to receive funding/resourcing if IIOE-2 endorsement can be clearly shown to significantly aid in prospects for funding/resourcing.

Has funding and resources to successfully achieve and undertake the project been obtained? Indicate the sources of funding and resources that have been approached and/or secured.

The expedition onboard the R/V “Akademik Boris Petrov” was supported by the Federal Agency of Scientific Organizations of the Russian Federation
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10. BENEFITS FROM IIOE-2 ENDORSEMENT *(1/4 page maximum)*

Specify why you are seeking endorsement and how the activity would benefit from endorsement, and how the IIOE-2 SC could assist in the implementation of your project.

Research carried out in the Indian Ocean by us many times in the past. We would like to continue them. The approval by the IIOE-2 SC is very useful for us. It would be important to write a letter of IIOE-2 SC with the approval and support further work to the Federal Agency of Scientific Organizations of the Russian Federation.

11. OPTIONAL: OTHER COMMENTS/INFORMATION/MATERIAL *(length and detail may be at the discretion of and as deemed necessary by the applicant)*

Please feel free to provide any other comments, information or materials that you feel relevant to your proposal for the IIOE-2 Steering Committee's information and benefit. You may provide this as general information or provide the additional comments/information/materials as relevant to any of the specific Sections above.

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