



## CALL FOR HOSTING SATELLITE EVENTS ON DIGITAL TWINS OF THE OCEAN 2-5 May 2022

### Offer your virtual event on aspects of Digital Twins of the Ocean to the Community

In parallel to the Main London event [International Digital Twins of the Ocean Summit](#), GEOMAR/Germany is coordinating a worldwide series of [satellite virtual events](#). Each individual event has the objective to support the engagement and advancement of actions in the broad area of [Digital Twins of the Ocean](#). The specific formats of the events can range from short informal meetings to many hours-long hackathons, from local consultations, poster sessions to regional or global workshops, with invited speaker or simple open discussion fora. They can be in English or other languages. We only require them to be open for interested participants to join and if possible, a short 1-2-page summary of the event – be creative and bring together people around the globe interested in digital twins of the ocean!

### *Purpose of Satellite events on Digital Twins of the Ocean*

There is a lot of local, regional, disciplinary, sectoral but also global interest in the concept of “[Digital Twins of the Ocean](#)”. The in-person Summit in London on 4-5 May 2022 will bring together a limited number of people from the multi-stakeholder community in person plus streaming of the main session. However, engagement of the much wider group of potential users, providers and developers of digital ocean initiatives from a range of scientific and societal sectors is required. There is much to explore, innovate and combine so that the various components required to achieve a fully operational Digital Twin Framework of the Ocean by 2030 can be reached. Obviously, most of the global community will not be able to join the summit in London. The virtual satellite events provide a means to reach out to and engage the broader community and exchange ideas virtually. Extend your networks, find people interested in your ideas, or use the momentum to discuss to bring the people together to bring the topic forward. We would like to encourage you to register your event [here](#).

### *Who can run a satellite event?*

Everyone who wants to be engaged in the topic of Digital Twins of the Ocean is invited to organize and register their own satellite event.

### *Which formats are possible?*

Your satellite event can be a very informal meeting such as a discussion forum open for engagement as well as a formal meeting with invited speakers; run a workshop or a hackathon, hold a working group meeting or a poster session – your satellite event can last 45 minutes, three hours, or several days – let us know your idea and let us bring forward the ideas and opportunities on digital twins of the ocean! Please let us know if you would like to reach out for someone from the DITTO steering committee for being involved in your meeting.

### *When can the event happen?*

Ideally, your event will happen a few days before the Summit in London on 4-5 May 2022. This is not a hard constraint but a target time period. We will also list events which happen up to two weeks before and one week after the main event.



### **How to run the event?**

You are free to choose the platform for your virtual event (ZOOM, MS-Teams, Webex, gather etc.). However, you need to use Eventbrite to register and advertise your event. In addition to Eventbrite, we will centrally advertise your event on a dedicated website. This allows us to centrally publish and promote all satellite events by using your Eventbrite link on our [webpage](#).

- you choose the platform to run your event
- please create an [eventbrite](#) link for your event
- we will add your event to the program of satellite events [here](#) (including the eventbrite links)
- We will support the advertisement of your event
- After the meeting we will ask you to hand in a 1-2-page document summarizing the meeting; i.e. focus on results, outcomes and future actions.

### **Need more information?**

Please feel free to join us on one of our information sessions → [dates for information hours to DITTO satellite events](#)

### **How to register?**

Please register your satellite event supporting the topic of digital twins of the ocean → [here](#)

The [steering group](#) will briefly review your events in a meeting every two weeks. We want to encourage your creativity and have very limited constraints – the steering group needs to ensure, that your topic of the event is related to digital twins of the ocean and open for others to participate. There is no final deadline to register an event.

### **Contact for more information:**

[satellites.dittosummit@gmail.com](mailto:satellites.dittosummit@gmail.com)

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## **BACKGROUND INFORMATION**

### **INTERNATIONAL DIGITAL TWINS OF THE OCEAN SUMMIT**

*In person event on 4-5 May 2022, Central London, UK*

An international event of the UN Ocean Decade Digital Twins of the Ocean Programme (DITTO), the G7 Ocean Decade Navigation Plan, and the G7 Future of the Seas and Oceans Initiative. Hosted by the UK Government

#### **Outline**

The Digital Twin Ocean Summit is an international meeting led by the DITTO programme, supported by the G7 FSOI, and is a contribution of the UK government to the G7 Ocean Decade Navigation Plan. The ambition of this meeting is to (i) advance community understanding of Digital Twins, their applications and benefits, (ii) bring together the users and developers to learn





how digital twins may benefit society, (iii) share knowledge about Digital Twins and best practice, (iv) and support concrete actions and articulate future plans to achieve a Digital Twin Framework. The summit will have at its core a 2-day in-person meeting hosted by the UK Government and will be accompanied by many virtual satellite events happening over several days coordinated by GEOMAR Helmholtz Centre for Ocean Research Kiel, Germany. The plenary sessions of the Summit will be live-streamed and recorded. This summit will bring together the multi-stakeholder community and potential users, providers and developers of digital ocean initiatives from a range of scientific and societal sectors to explore the various components required to achieve a fully operational Digital Twin Framework of the Ocean by 2030.

### *DITTO – Digital Twins of the Ocean Programme in the Ocean Decade*

Digital twins are virtual representations of physical ‘real’ objects and systems which have been widely applied in the engineering realm for tasks such as engine optimization and port management.

The **Vision** of the Digital Twins of the Ocean ([DITTO](#)) [Programme](#) is a world where digital twins are used to support ocean science, ocean protection, ocean governance and a sustainable ocean economy. The **Mission** of DITTO is to develop and share a common understanding of digital twins of the ocean, to establish best practice in their development, and to advance a digital framework to empower ocean professionals from all sectors around the world to effectively use digital twins.

DITTO will promote co-design of twins with targeted end users, raise awareness of their uses and applications, and demonstrate their potential for decision making across multiple sectors including ocean governance. → [learn about our definition of digital twins of the ocean](#)



## Digital Twins of the Ocean

### LINKS

SATELLITE EVENT ON DIGITAL TWINS OF THE OCEAN, 2-5 MAY 2022

<https://ditto.geomar.de/>

REGISTRATION FORM SATELLITE EVENT

<https://forms.gle/Q6P9qPpDtWVG1iGv8>

INTERNATIONAL DIGITAL TWINS OF THE OCEAN SUMMIT 4-5 May, London, UK

<https://www.g7fsoi.org/digital-twin-ocean-summit/>

OCEAN DECADE PROGRAMME ON  
DIGITAL TWINS OF THE OCEAN – DITTO

<https://ditto-oceandecade.org/what-are-digital-twins>

### → JOIN THE DITTO COMMUNITY OR BECOME A DITTO PARTNER

DITTO offers to join the alliance of the DITTO programme and would like to encourage you to become a partner of the DITTO network.