

New ORFEUS ESM webservices: use of “event-data” and “flatfile” Webinar – 25 March 2024, 10AM Zürich time

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The webinar will be recorded - please turn your mics and cameras off

**“European Integrated Data Archive - EIDA”
services and products:**

- Raw waveforms
- Basic station metadata

**“Strong-Motion / Event-based”
data services and products:**

- Processed waveforms & PGMs
- Enhanced event and site information

**“Mobile instrument pools”
services and products:**

Enhancing community access to onshore
and offshore portable instrumentation



Rapid-Raw Strong-Motion Database and Associated Services

- Waveforms from EIDA (**on-scale** SM, BB, SP, ...)
- Fully automatic processing (SeisComP *scwfparam*)
 - M3.5+, EMSC alerts

Engineering Strong-Motion Database and Associated Services

- Waveforms from **EIDA SM + other regional sources**
- Manual, distributed processing, informed by automatic pre-processing
- Enhanced events & station metadata (e.g. site characterization information - siteXML)
 - M4+, EMSC / ISC / literature
- **Reference for seismic hazard studies in Euro-Med**

European ShakeMap System
(<https://shakemap.eu.ingv.it/>)



<https://forum.orfeus-eu.org/> → Sign Up

The screenshot shows the ORFEUS Forum website interface. At the top, there is a navigation bar with the forum name, a search icon, and buttons for 'Sign Up' and 'Log In'. Below the navigation bar, there is a sidebar on the left with a menu for 'Topics' and 'Categories'. The main content area displays a list of forum topics with columns for 'Topic', 'Replies', 'Views', and 'Activity'. The topics listed include 'ISC internet down', 'Faculty position in seismology at Freie Universität Berlin', 'Unscheduled downtime at Résif', 'Upcoming ORFEUS Webinars', 'New user interface to view EIDA data availability', 'HeaMES 2024 Call for Abstracts', 'Earth Systems Summer School 2024: Applications Open', 'Infrastructure maintenance at ODC (2024-02-02)', and 'Call for abstract ESC2024, 22-27 September 2024 Corfu, Greece - SESSION04'.

Topic	Replies	Views	Activity
ISC internet down General services, downtime	0	8	18h
Faculty position in seismology at Freie Universität Berlin Job Announcements	0	10	4d
Unscheduled downtime at Résif Maintenance services, downtime	0	17	9d
Upcoming ORFEUS Webinars Meetings, Workshops, Training	0	44	13d
New user interface to view EIDA data availability General software	0	33	18d
HeaMES 2024 Call for Abstracts General	2	117	20d
Earth Systems Summer School 2024: Applications Open Meetings, Workshops, Training	0	38	20d
Infrastructure maintenance at ODC (2024-02-02) Maintenance services	1	33	25d
Call for abstract ESC2024, 22-27 September 2024 Corfu, Greece - SESSION04 Meetings, Workshops, Training	0	34	29d