

ΧΡΗΣΙΜΑ LINK

- **Για πρόσβαση στο υλικό του μαθήματος «Εισαγωγή στην Θαλάσσια Τηλεπισκόπηση»:**

Από το VM:

/home/rus/Desktop/shared/Training/

Μέσω VPN:

\\marine-server\Users\StudentNotes\Undergraduate\Θαλάσσια Τηλεπισκόπηση και Δορυφορική Ωκεανογραφία\Θαλάσσια Τηλεπισκόπηση

- **RUS Service (Research and User Support Service)**

Open <https://rus-copernicus.eu/portal/> → Register → Create my Copernicus SSO account

Μετά την εγγραφή σας, μπορείτε να ζητήσετε πρόσβαση σε Virtual Machine σύμφωνα με τις οδηγίες που περιγράφονται αναλυτικά στο αρχείο «Οδηγίες εγγραφής στο RUS» (σελίδα 5).

Μόλις ολοκληρωθεί η διαδικασία, από την καρτέλα Dashboard έχετε πρόσβαση στο Virtual Machine (VM) χρησιμοποιώντας τα credentials που έχουν αποσταλεί στο email που δηλώσατε κατά την εγγραφή σας.

The screenshot shows the RUS Service dashboard. At the top, there is a navigation bar with the RUS logo and the text 'Research and User Support'. Below the navigation bar, there is a dropdown menu for 'Your RUS service' which is open, showing options for 'Your profile', 'Your dashboard', and 'Your training'. The 'Your dashboard' option is highlighted. Below the navigation bar, there is a warning message: 'WARNING! As the number of RUS users is strongly increasing, allocation of RUS virtual environments to non-EU (European Union) residents is suspended until further notice. If you are in this case, please do not submit any User Service Request or it will be unfortunately rejected.' Below the warning message, there is a button 'Request a new User Service'. Below the button, there is a table with the following columns: Project Name, ID, Date of submission, Status, Actions, and Virtual Environment. The table contains three rows of data. The first row is for 'Water_Training' with ID 1227, Date of submission 2018-03-21, and Status Closed. The second row is for 'Introduction to Satellite Oceanography' with ID 5191, Date of submission 2019-03-18, and Status Closed. The third row is for 'Introduction to Satellite Oceanography - 2' with ID 6797, Date of submission 2019-10-01, and Status Accepted. The 'Accepted' status is highlighted with a green box. The 'Actions' column for the third row is also highlighted with a red box.

Project Name	ID	Date of submission	Status	Actions	Virtual Environment
Water_Training	1227	2018-03-21	Closed	View history Cancel my request Get support Get a webinar kit Close my service Rate my service	Access my Virtual Machine(s) Access my CPU monitoring dashboard Wake-up / Freeze my Virtual Machine(s) Report a technical incident
Introduction to Satellite Oceanography	5191	2019-03-18	Closed	View history Cancel my request Get support Get a webinar kit Close my service Rate my service	Access my Virtual Machine(s) Access my CPU monitoring dashboard Wake-up / Freeze my Virtual Machine(s) Report a technical incident
Introduction to Satellite Oceanography - 2	6797	2019-10-01	Accepted	View my request Cancel my request Get support Get a webinar kit Close my service Rate my service	Access my Virtual Machine(s) Access my CPU monitoring dashboard Wake-up / Freeze my Virtual Machine(s) Report a technical incident

- **RUS Training (Research and User Support Training)**

Open <https://rus-training.eu/> → Sign up

YouTube Channel: <https://www.youtube.com/channel/UCB01WjameYMvL7-Xfl8vRIA>

Πανεπιστήμιο Αιγαίου - Τμήμα Επιστημών της Θάλασσας Εισαγωγή στη Θαλάσσια Τηλεπισκόπηση

The screenshot shows the RUS Training website. The navigation bar includes 'RUS Training', 'Training', 'E-Learning', 'News', and 'About'. The 'Training' menu is open, showing 'Upcoming' and 'Past' options. The main content area is titled 'Past Training Sessions' and includes a sub-header 'Access the list of our past training events.' Two training sessions are listed:

- IV ESA EARSEL CNR School: Remote Sensing for Forest Fires**
IV ESA EARSEL CNR School: Remote Sensing for Forest Fires
Face2Face Monday 30th of September 2019 - Tuesday 1st of October 2019 | ESA Centre for Earth Observation, Largo Galileo Galilei, 1, 00044 Frascati RM, Italy
On the occasion of the 12th EARSEL Forest Fires SIG Workshop (3-5 October 2019, Rome, Italy) a training will be held with the contribution of RUS on the application of active and passive remote sensing techniques for fire research. It will focus on the use of active and passive Earth Observation (EO) Technologies for fire monitoring. The purpose of...
- Agricultural monitoring with Sentinel-1 and Sentinel-2 data**
RUS environment demo: Agricultural monitoring with Sentinel-1 and Sentinel-2 data
Face2Face Friday 13th of September 2019

- **SciHub (Copernicus Open Access Hub)**

Open <https://scihub.copernicus.eu/> → Enter Open Hub → Sign up → Register

The screenshot shows the Copernicus Open Access Hub website. The header includes the Copernicus logo, the title 'Copernicus Open Access Hub', and the ESA and European Union logos. The main content area is divided into several sections:

- Welcome to the Copernicus Open Access Hub**
The Copernicus Open Access Hub (previously known as Sentinels Scientific Data Hub) provides complete, free and open access to [Sentinel-1](#), [Sentinel-2](#), [Sentinel-3](#) and [Sentinel-5P](#) user products, starting from the In-Orbit Commissioning Review (IOCR).
Sentinel Data are also available via the Copernicus Data and Information Access Services (DIAS) through several [platforms](#).
- Open Hub** (highlighted with a red dashed box): Access to all Sentinel missions Data through the interactive Graphical User Interface.
- API Hub**: Please visit our [User Guide](#) for getting started with the Data Hub Interface. Discover how to use the APIs and create scripts for automatic search and download of Sentinels' data.
- S-5P Pre-Ops**: Latest update: see the section on [Long Term Archive](#) for the upgrade of the interfaces for access to offline data.
- GNSS Hub**: For further details or requests of support please send an e-mail to eosupport@copernicus.esa.int
- Reports & Stats**: Data updated hourly
36,053 prod. published in the last 24h (S1 - S2 - S3 - S5P)
187,092 downloads in the last 24h (SciHub - API Hub - S-3 PreOps - S-5P PreOps)
Reports
- Resources**: DHUS Open Source Portal, Copernicus Copernicus Portal
- Latest News**: Temporary unavailability of Copernicus Sentinel-2 production 01 Oct 2019
The nominal production of Copernicus Sentinel-2 data has encountered a contingency preventing the production of about 30% of

- **CODA (Copernicus Online Data Access)**

Open <https://codas.eumetsat.int/> → Ok → New User / Create New Account

Πανεπιστήμιο Αιγαίου - Τμήμα Επιστημών της Θάλασσας
Εισαγωγή στη Θαλάσσια Τηλεπισκόπηση

The screenshot shows the EUMETSAT Earth Observation Portal login page. At the top left is the EUMETSAT logo with the tagline 'MONITORING WEATHER AND CLIMATE FROM SPACE'. Below it is a navigation bar with 'HOME', 'LOGIN', and 'HELP'. The main content area is titled 'Authentication' and contains a welcome message: 'Welcome to the Earth Observation portal. Please login to access your account.' Below this is a 'PLEASE LOGIN' section with the instruction 'Please enter your user ID and password to login'. There are two input fields: 'User Name: *' and 'Password: *'. A note below the fields states 'Please note the fields marked with * are mandatory.' At the bottom, there are two links: 'FORGOTTEN YOUR PASSWORD?' and 'NEW USER - CREATE NEW ACCOUNT', and a 'LOGIN' button on the right.

- **CMEMS (Copernicus Marine Environment Monitoring Service)**

Open <http://marine.copernicus.eu/> → Short-cut Services → Register Now

The screenshot shows the homepage of the Copernicus Marine Environment Monitoring Service (CMEMS). At the top left is the European Commission logo. The main header reads 'COPERNICUS MARINE ENVIRONMENT MONITORING SERVICE' with the tagline 'Providing PRODUCTS and SERVICES for all marine applications'. There is a search bar on the right. Below the header is a navigation menu with 'ABOUT US', 'USE CASES & MARKETS', 'NEWS', 'SCIENCE & MONITORING', 'TRAINING & EDUCATION', and 'SERVICES PORTFOLIO'. A 'SHORT-CUT TO SERVICES' dropdown menu is open, showing 'REGISTER NOW!' (highlighted with a red box), 'SCIENTIFIC QUALITY', 'ONLINE TUTORIALS', and 'COLLABORATIVE FORUM'. The main content area features 'ACCESS YOUR OCEAN INFORMATION' with three main sections: 'OCEAN PRODUCTS', 'OCEAN MONITORING INDICATORS', and 'OCEAN STATUS REPORT'. There is also a 'LATEST NEWS FLASH' section with a date '2019 07 OCT.' and a 'GETTING STARTED' button. At the bottom, there is a '28 MONDAY EVENTS AGENDA' and a news item about 'ARCTIC SUMMER MINIMUM SEA ICE EXTENT: ONE OF THE LOWEST ON RECORD'.

- **Έγγραφο ερωτήσεων (FAQ)**

<https://docs.google.com/document/d/1wtwjsEdV8TSCI1N-wtiRs5z0J-CkVEMmTkBE5Cih9Js/edit?usp=sharing>

Πανεπιστήμιο Αιγαίου - Τμήμα Επιστημών της Θάλασσας
Εισαγωγή στη Θαλάσσια Τηλεπισκόπηση

Σημείωση: Συνίσταται να χρησιμοποιείτε εργαλείο διαχείρισης κωδικών πχ
<https://www.lastpass.com/>