

Sharing tools: Radioecology Exchange website

Cath Barnett & the STAR consortium

STAR final Dissemination Event, Aix-en-Provence, 9-11 June 2015



www.star-radioecology.org
www.radioecology-exchange.org

Web (wiki) sites & social media

www.star-radioecology.org
www.radioecology-exchange.org
[@STARRadioecology](https://www.facebook.com/radioecology)
[@Radioecology](https://twitter.com/Radioecology)

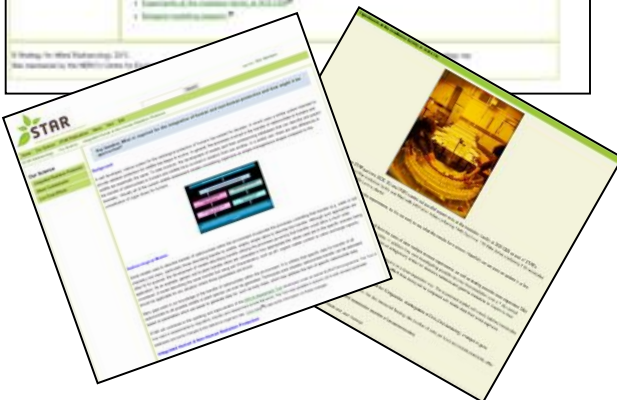


www.star-radioecology.org
www.radioecology-exchange.org

STAR project website

STAR Science

- Work package descriptions
- STARlights



Home page

- Project overview
- Consortium members: overview of roles
- News blog
- Social media links

www.star-radioecology.org
www.radioecology-exchange.org

STAR Publications

- Deliverables
- Journal papers
- Conference proceedings



Radioecology Exchange – highlights



Radioecology Information Exchange

Information Exchange
 Radioecology Exchange
 EUROATOM
 COMET
 STAR
 COMET



Welcome to the Radioecology Exchange
Protecting Humans and the Environment from Radiation

Home Training & Education Information Exchange ERA Fukushima Research News & Content Virtual Laboratory Webtools Collaborators Help

Fukushima Research

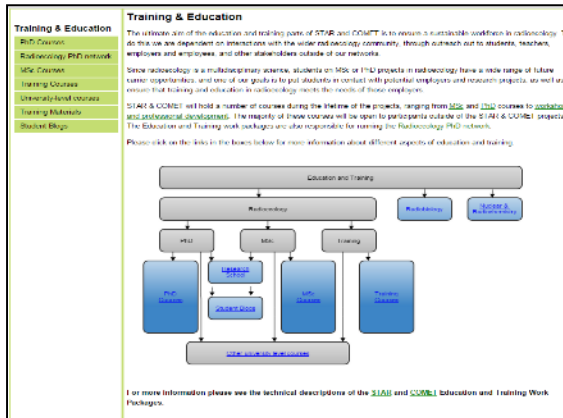
STAR Information sheet produced by NIRS on the consequences of nuclear accidents for the Fukushima region.

Research report on the Fukushima accident from IAEA, ICRP UNSCEB WERD.

Lessons learned from Fukushima

Video produced by STAR partner ILL on the impact of nuclear accidents from Fukushima nuclear accident on the marine environment.

STAR and COMET partners contribute to Fukushima research



Training & Education

Training & Education

The ultimate aim of the education and training plans of STAR and COMET is to ensure a sustainable workforce in radioecology. To do this we are dependent on interaction with the wider radioecology community, through outreach activities, students, teachers, employers and employees, and other stakeholders outside of our networks.

Since radioecology is a multidisciplinary science, students on MSc or PhD projects in radioecology have a wide range of future career opportunities, and one of our goals is to get students in contact with potential employers and research projects, as well as to ensure that industry and education in radioecology meets the needs of those employers.

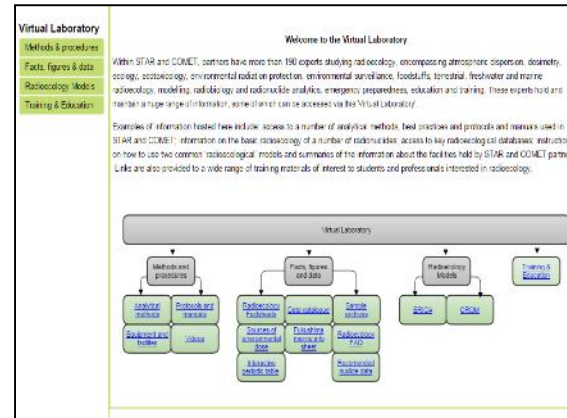
STAR & COMET will host a number of courses during the lifetime of the projects, ranging from MSc and PhD courses to postgraduate and professional development. The majority of these courses will be open to participants outside of the STAR & COMET projects. The Education and Training work packages are also responsible for running the Radioecology PhD network.

Please click on the links in the boxes below for more information about different aspects of education and training.

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graph TD
    ET[Education and Training] --> R[Radioecology]
    ET --> M[Modelling]
    ET --> I[Informatics]
    R --> PhD[PhD students]
    R --> MSc[Master's students]
    R --> Bachelors[Bachelor's students]
    R --> Postdocs[Postdoctoral researchers]
    M --> PhD[PhD students]
    M --> MSc[Master's students]
    I --> PhD[PhD students]
    I --> MSc[Master's students]
    I --> Bachelors[Bachelor's students]
    I --> Postdocs[Postdoctoral researchers]
    
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For more information please see the technical descriptions of the STAR and COMET Education and Training Work Packages.



Virtual Laboratory

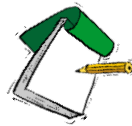
Welcome to the Virtual Laboratory

Within STAR and COMET, partners have more than 180 experts studying rad ecology, encompassing atmospheric dispersion, dietary, toxicology, environmental nuclear protection, environmental agricultural, food safety, terrestrial, freshwater and marine radioecology, modelling, radiology and radiotoxicity analysis, emergency preparedness, education and training. These experts hold and maintain a huge range of knowledge, several of which can be accessed via the Virtual Laboratory.

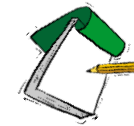
Examples of information hosted here include access to a number of analytical methods, best practices and protocols and manuals used in STAR and COMET; information on the basic toxicology of a number of radioactive isotopes to help radioecology or database evaluations; on how to use the common radioecological models and parameters of the internet or about the facilities held by STAR and COMET partners. Links are also provided to a wide range of training materials of interest to students and professionals interested in radioecology.

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graph TD
    VL[Virtual Laboratory] --> M[Methods and procedures]
    VL --> F[Fact sheets and data]
    VL --> R[Radioecology Models]
    VL --> T[Training & Education]
    M --> Analytical[Analytical methods]
    M --> Protocols[Protocols and standards]
    F --> Tox[Toxicology]
    F --> Diet[Dietary]
    F --> Environ[Environmental]
    F --> Agr[Agricultural]
    F --> Food[Food safety]
    F --> Freshwater[Freshwater]
    F --> Marine[Marine]
    R --> Disp[Dispersion models]
    R --> Calc[Calculation]
    R --> Dose[Dose models]
    R --> Assess[Assessment]
    R --> Eval[Evaluation]
    R --> Hazard[Hazard]
    T --> Bachelors[Bachelor's students]
    T --> MSc[Master's students]
    T --> PhD[PhD students]
    T --> Postdocs[Postdoctoral researchers]
    
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Posters & feedback



- Please come and see our posters - we would welcome any feedback **(I have rewards/bribes!)**
- Please complete Radioecology Exchange feedback form - in pack
- Feedback is also possible at practical session on Thursday

Your feedback will be collated and addressed as much as practicable during **www.comet-radioecology.org** & shared with the Alliance

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www.radioecology-exchange.org