

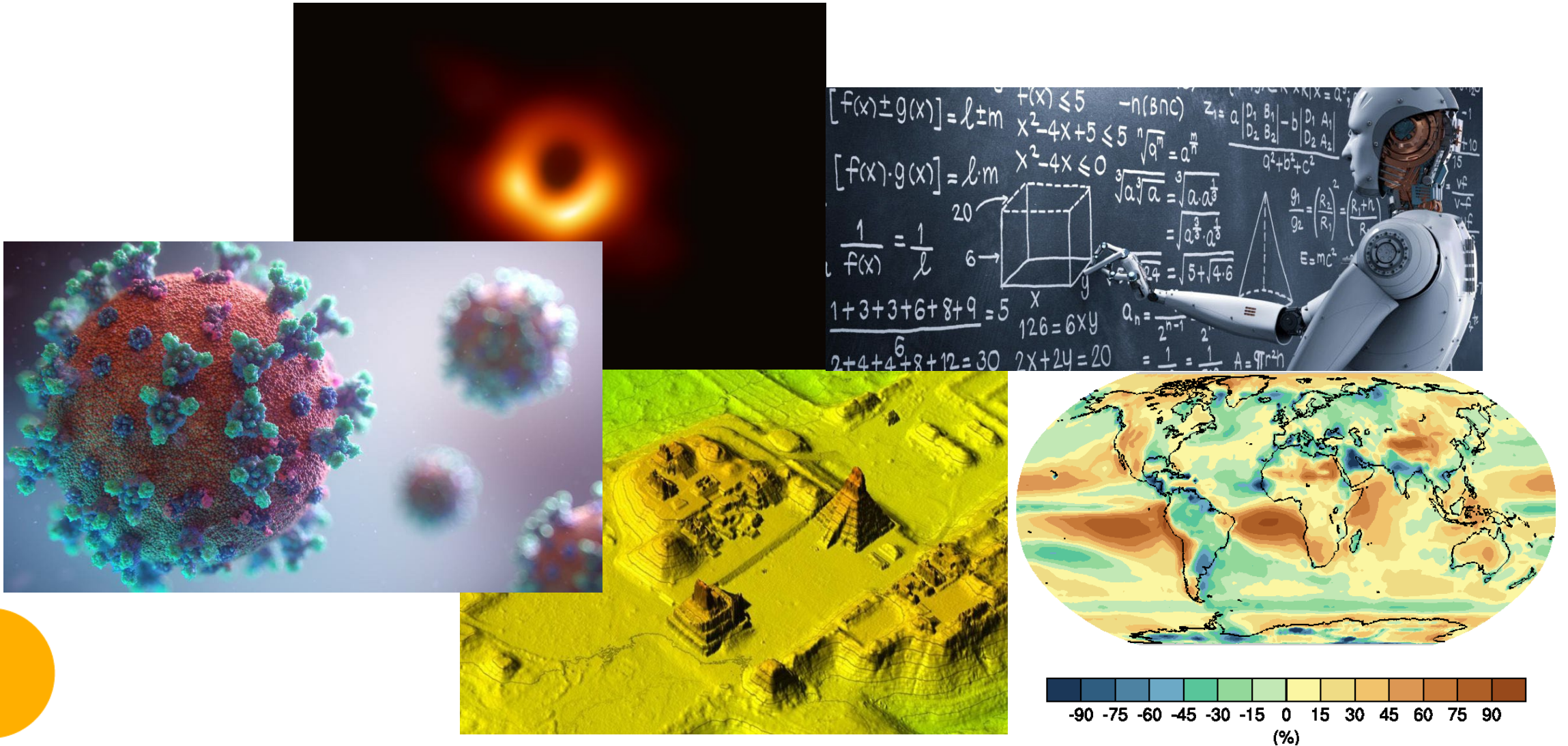
Het Nederlands eScience Center

Fenne Riemslagh, coordinator Training Programma

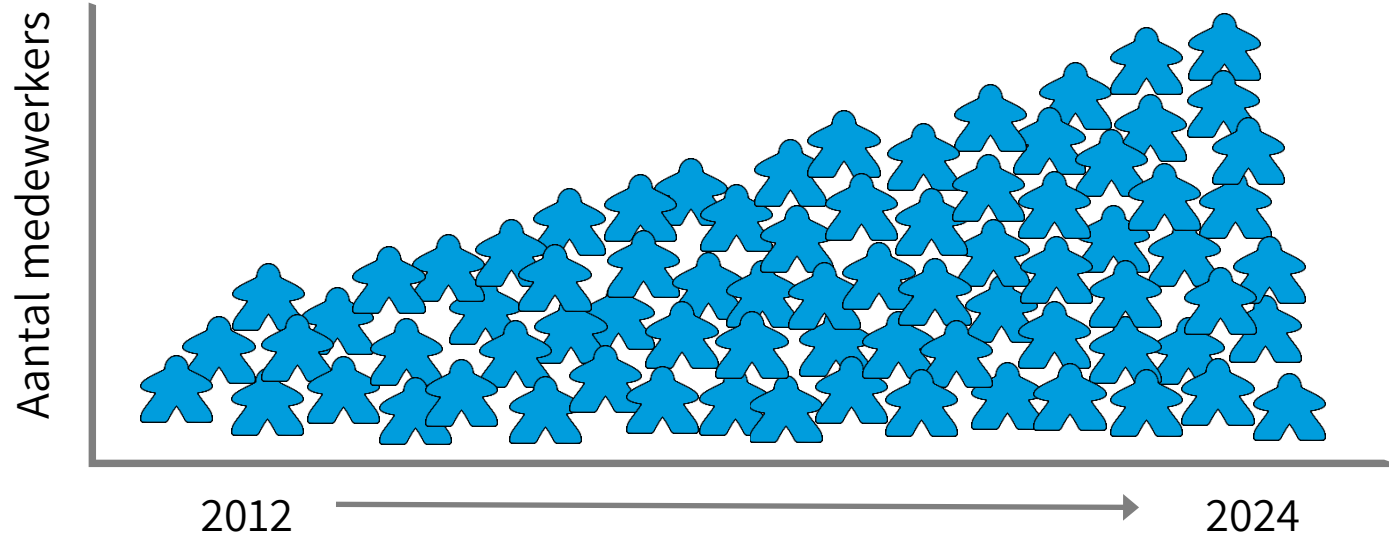
7 oktober, 2024

netherlands
eScience center

Goede software programma's zijn essentieel voor academisch onderzoek



Nationaal centrum voor onderzoeks software



Opgericht door SURF en NWO in 2012

Ongeveer 100 medewerkers in 2024 waarvan ± 65 software specialisten

Onze missie: het versterken van academisch onderzoek door innovatieve software

Samenwerken op domein specifiek onderzoek

Samenwerken aan eScience technologieën

Onderwijs & training

Software onderdeel maken van de gemeenschap

Samen nieuwe onderzoeks software ontwikkelen

Meer digitale kennis opbouwen



Onderzoeks projecten



Levenswetenschappen



Aardwetenschappen & klimaat



Natuur- en computer wetenschappen



Maatschappij & gedragswetenschappen

Artificial Intelligence
Analytics
Computing
Data processing
Software quality

Open Science
FAIR software
Software sustainability



Fellowship programma

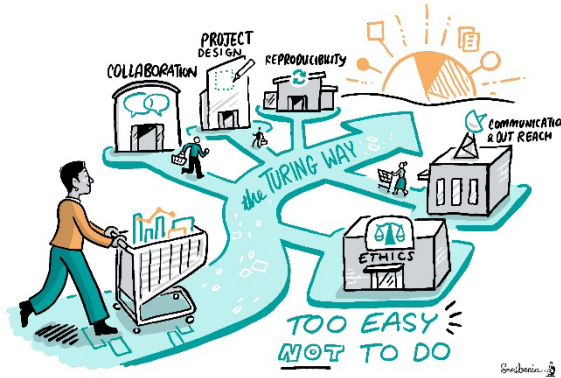
- Uren van een eScience Center software expert om mee te kijken met je project en een klein budget voor meetings etc
- Gericht op het bouwen van een gebruikers gemeenschap rondom onderzoeks software.



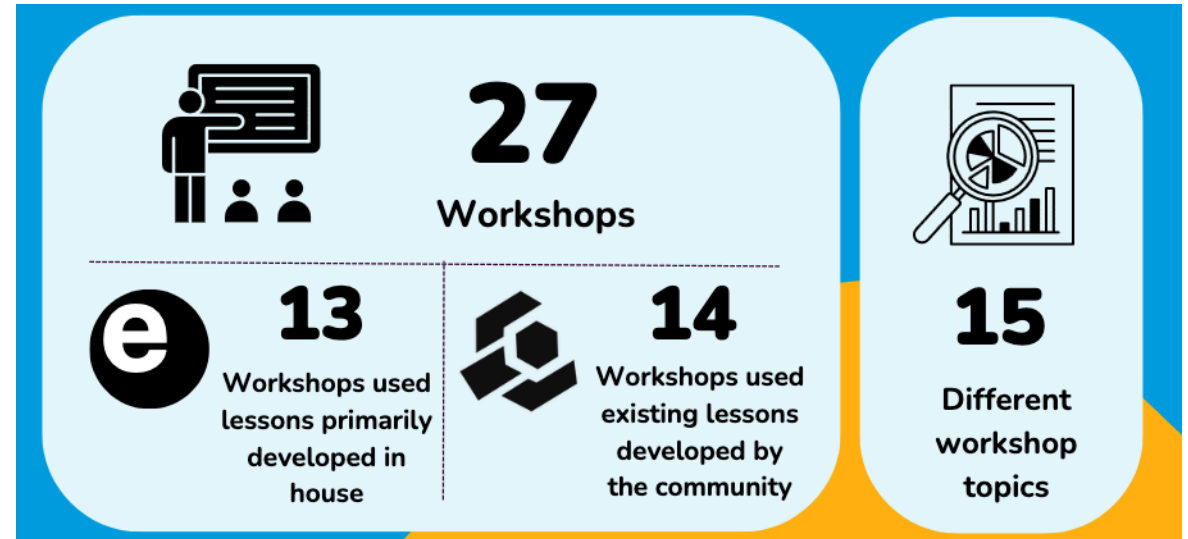
Software gemeenschaps initiatieven

Bewustwording van het goed gebruiken van onderzoeks software
(FAIR principes)

FAIR is een Engels acroniem voor
*F*indable (vindbaar), *A*ccessible (toegankelijk), *I*nteroperable (uitwisselbaar) en *R*eusable (herbruikbaar).



Onderwijs & training: digital skills programma



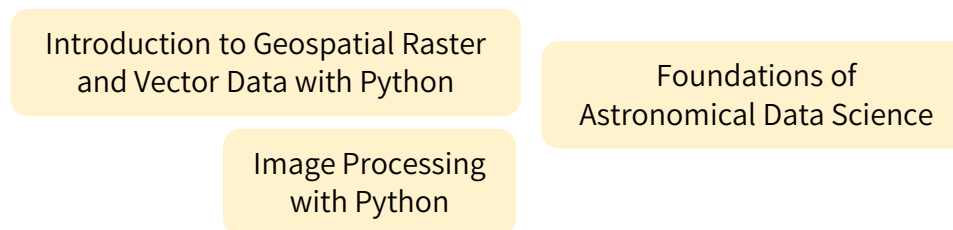
Curriculum digital skills programma



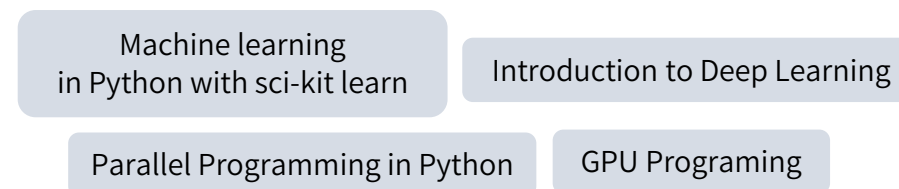
Open & Reproducible Research Software



Domain Specific



Use of technologies



Train the Trainer



Research Software Support Masterclass

Data voor DCC-PO najaarscursus:

- **Woensdag 20 November**
- **Woensdag 11 December**

*What is FAIR software, and why is it important?
Why is software publication and citation important?
How should software be published and cited?
What software tools should researchers pick the right one?
Can researchers help in them? How can I help
researchers to will them? How can I help
researchers to will them? How can I help*



Research Software Support Platform

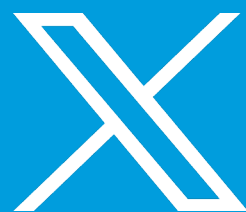


tinyurl.com/researchsoftware-2024





Let's stay
in touch



@eScienceCenter



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netherlands
eScience center

Getting started

Research software

What is software, how is it made and what makes research software so special?



FAIR software

FAIR stands for Findable, Accessible, Interoperable and Reusable. What does this mean for software?



Reusability

Software Management Plans

Writing a Software Management Plan will help you to think ahead about important steps in software management.



Software licenses

What are software licenses, copyright and open-source, how are they related and why is it important to think about?



Publishing & Citing

Software publication

Publication of research output is important for findability and reusability, but how does that work for software?



Software citation

Description not available

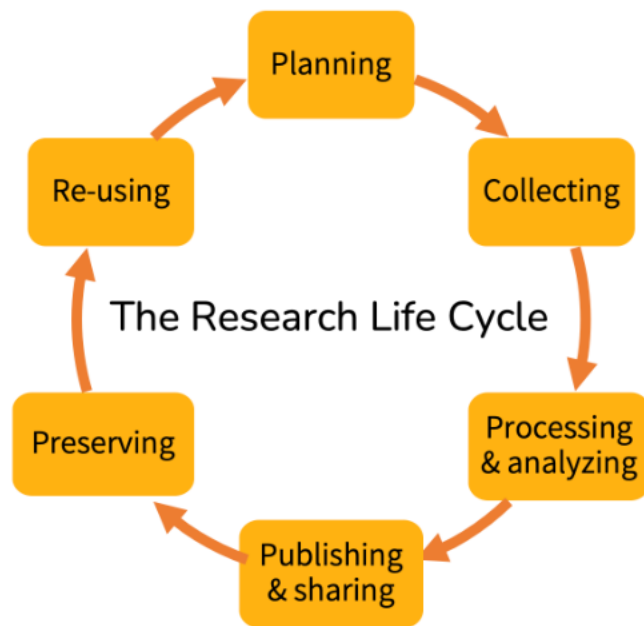


Development

Module: researchsoftware

- Learning objectives
- What is software?
- Software and data
- Research Software
- Research software
- Research software?
- Research life cycle

The research lifecycle



Software is used all across the research lifecycle



Speaker notes

Software is used all across the research life cycle.

Module: softwaremanagementplans



Learning objectives



Software Management Plans



Practical Guide



Software Assessment



SMP vs FAIR



Reading material

Assess your software

In a live setting, this exercise is done in groups. Each group will be assigned a software project. The group will then create an SMP for this project.

Step 1: Choose a software project

Choose a software project for this exercise, preferably one you are familiar with.

If you don't have a project in mind, you can use one of the following:

[Xenon](#)

[ESMValTool](#)

[RS-DAT](#)

[Haddock](#)

[worcs](#)

Find the Practical Guide at tinyurl.com/SMP-guide.