ACCESS-NRI
User Training

SAC Meeting – 27 April 2023

Training and Engagement

Training

Roger Edberg – Team Lead (Oct 2022)

Jasmeen Kaur – Training Officer (Apr 2023)

Engagement

Natalia Bateman – Communications Officer (2021)

Recruitment in progress – Events Officer

ACCESS-NRI Training Scope

1. Coordinate and provide user support for ACCESS-NRI supported model configurations, data and tools

2. Develop and support training resources that draw upon expertise across ACCESS-NRI and the ACCESS community

3. Deliver training at ACCESS community workshops, relevant conferences, such as AMOS and eResearch Australasia, and other events that benefit the community

Our Approach - Principles

1. Maximise training impacts - accommodate a spectrum of requirements, learning styles, skill levels

2. Timeliness - keep training and documentation in sync with NRI model, MED, and data releases

3. Find opportunities to innovate, and to complement existing community resources

4. Create the best possible experience for ACCESS model users, from new students to experts

5. Listen to community feedback and continuously improve

Training Foundation

1. Documentation releases: docs are up to date and complete

2. Instructor-led training: in-person and online courses

3. Catalogue of self-guided content: docs, videos, tutorials

4. Consistency in approach, quality, and availability: high-quality, effective content

Community collaboration

1. Support peer-to-peer learning: hackathons, webinars

2. Knowledge sharing: guest lectures, best practices, troubleshooting sessions, etc

3. Collaborative training development with stakeholders and the community

4. Look for opportunities to innovate: new content, modes of delivery, etc

Our Approach

Phase 1 (2023)

- Establish the team and infrastructure foundations: Hive, Forum
- Support establishment of Community Working groups
- Assess existing training content and reference materials to identify gaps and updates
- Release core skills guides and courses to support new ACCESS users
- Release user guides and training courses to support initial releases from Model Release and MED teams

Our Approach

Phase 2 (2023 Q3-Q4)
- Consult with Working Groups to identify next round of training requirements
- Establish self-guided eLearning materials on ACCESS-Hive
- Build library of training materials

Phase 3
- Continuous refinement of training content
- New materials to support new production Model, MED, data releases
- Expand reach of training through collaboration with Working Groups and stakeholders

Training Catalogue

1. Core Skills
   - Github/Git, ACCESS-Hive and Forum – NRI
   - NCI onboarding, ARE, data collections – collaborate w/ NCI
   - Linux, Python, R – leverage Software Carpentry where possible

2. Supported model configurations
   - Consolidate materials: doc, package, training
   - Consistent packaging, availability

3. Production model and MED releases
   - New, latest content

Community Support

- ACCESS-NRI anchors a community-based support model via the ACCESS-Hive Forum

- Forum is open, transparent, persistent and collaborative

- ACCESS-NRI provides support on releases and infrastructure

- Community experts provide advice on scientific and technical questions

- Full-time dedicated support service (help desk) is beyond ACCESS-NRI's funding and scope

Status Updates

- Working groups: community survey, groups formed, liaisons in place

- AMOS 2022: supported delivery of ACCESS Modelling Tutorial, with Tilo Ziehn, Arnold Sullivan (CSIRO)

- Software Carpentry Instructor Certification – Roger (in progress)

- Training Officer April 2023: Welcome aboard Jasmeen!

- Preparation for ACCESS Workshop 2023 (Canberra)
  - Organising Committee – venue and logistics
  - Support for Program Committee

What's Next?

- ACCESS Workshop 2023: 5-8 September
  - Ongoing logistics and preparation...
  - Training day: Friday 8 September
  - Program committee meetings to develop program

- Model releases
  - Current releases: consolidation
  - New production releases

- Support
  - Advocate for community support model; forum training
  - Feedback and adjustments to increase community engagement

Questions?

Thanks!

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