

The Europe-Future/RDA Artificial Intelligence and Data Visitation Working Group (AIDV)

Workplan

January to April 2024

(Version 6.0, 6 December 2023)

Areas of Focus

The following areas need to be focused on for the completion of the ESOC-Future/RDA Artificial Intelligence and Data Visitation Working Group (AIDV)'s project:

1. Completion and review, publication, dissemination, implementation, and exploitation of the AIDV outputs
2. Finalising the AIDV mentorships of 8 fellows
3. Next steps / Post AIDV

[nb RDA TIGER support in organizing our correspondences, meetings, and outputs has been discussed and will be worked on by the RDA people and the AIDV co-chairs.]

1. The Outputs

The AIDV has achieved four draft deliverables as of November 2024. These are

- Deliverable 2: Secure Processing Environments for Open Science: Proposing Legal Foundations (draft, Alexander, 2 November 2023)
- Deliverable 3: [Guidance for informed consent in the context of artificial intelligence and data visitation](#) (draft 12 July 2023) : should be progressed to a standard
- Deliverable 4: [Guidance for Ethics Committees Reviewing AI and DV](#) (Draft Version: May 11, 2023) : should be progressed to a standard
- Deliverable 5: [AI Bill of Rights Recommendation for EOSC-Future and Research Data Alliance promoting fundamental human rights and advancing trust in AI for Open Science](#) (draft, 26 October 2023): should be progressed to a standard
- AIDV Shared Library ([Zotero](#) 974 items; Some [highlights](#).)

In addition, the following **survey** has been prepared and piloted in Turkey. It now needs to be carried out globally:

- [AI, ChatGPT, and other LLMs: Evaluating governance, policy, and ethics challenges](#)
- A peer-review paper on data visitation

Review of the Outputs

1. Internal review by the AIDV members
2. Review by the RDA community

3. Integration into other RDA projects (e.g., GORC, FAIRsharing)
4. External peer review
5. RDA TAB endorsement

Publication

We suggest publication for Deliverables 3, 4, 5, 6, and 7 as part of a Special Issue or Special Collection in the following publication (nb we would ask RDA TIGER to cover the publication fees):

- [Science and Engineering Ethics](#) (Springer Nature Journal) APC = 2390 Euros 2024 (fully open in 2024) [[Science and Engineering Ethics impact factor and... | Exaly](#)] Special Issue or Collection titled: ‘Law and Ethics Governance Standards for Implementing AI into Science and Society’

If not accepted there, then in one of the following:

- [AI and Ethics](#) (Springer Nature Journal) APC = 2390 Euros 2024 License: CC BY [[AI and Ethics impact factor and citations:... | Exaly](#)]
- [Data Science Journal](#) [[Data Science Journal - Impact Factor \(IF\), Overall Ranking, Rating, h-index, Call For Paper, Publisher, ISSN, Scientific Journal Ranking \(SJR\), Abbreviation, other Important Details | Resurchify](#)]
- [Two DSJ Special Collection to be announced shortly (November/December 2023)]
 - a. [Data and AI policy, systems, and tools for times of crisis](#)
Special Collection Editors: Burcak Basbug Erkan, Gnana Bharathy, Paul Box, Francis P. Crawley, Mathieu Denis, Perihan Elif Ekmekci, Simon Hodson, Stefanie Kethers, Virginia Murray, Hans Pfeiffenberger, Lili Zhang
 - b. The Role of Open Science in the Achievement of the UN Strategic Development Goals: Organizational, Country, and Regional Perspectives Contributing to the Global Open Science Cloud (GOSC)
Special Collection Editors: Lili Zhang, Virginia Murray, & Francis P. Crawley

We need to discuss the possibilities of **preprints** as well for each of the output publications.

- Publication of the current and final **reports**.

Implementation

The deliverables should be integrated into and (as appropriate) featured on the following open science structures:

- EOSC-Future
- OpenAIRE
- EOSC (implementation into the EOSC structure and governance)
- GORC
- GOSC
- UNESCO
- Third parties

Exploitation

A social media campaign needs to be outlined.

Publication of outputs in

- RDA blogs, newsletters, and mailings

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- Science/Europe
- EurActiv

Webinars

1. Publication of the following webinars:
 - [International Seminar on Biodata and AI \(ISBA\)](#)
9 September 2023, Shenzhen, China (in person and virtual)
 - RDA 10th Anniversary Webinar: [The Role of Artificial Intelligence in Building Responsible Open Science Frameworks](#) (27 September 2023)
2. Organization of 3 additional webinars regarding the deliverables: ‘EOSC-Future RDA AIDV Law and Ethics Governance Standards for Implementing AI into Science and Society’:
 - I. Law and Human Rights in AI (Wednesday, 13:00-14:00 UTC, 31 January 2024)
 - II. Consent in AI (Wednesday, 13:00-14:00 UTC, 21 February 2024)
 - III. Ethics Review in and for AI (Wednesday, 13:00-14:00 UTC, 13 March 2024)
3. Organization of regional/national webinars
 - **Webinar Series in Indonesia** with the Health Research Ethics Committee FMUI-CMH at the Dr. Cipto Mangunkusumo National Hospital, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia. (KEPK Webinar Series) on the ‘Ethics in the Use of Artificial Intelligence in Health Research’ with the first webinar organized on **Friday 8 December 2023** from 12:30 noon to 15:00 UCT on Zoom. I will present on ‘AI Ethics Impacting Health Research’ from 13:20 to 13:50 UTC. (Rita)
 - A Latin American Webinar, A webinar in Asia, A webinar in Africa, A webinar in Turkey, A webinar in CIS countries
4. Specific outreach to CIS Countries
 - Establishment of a specific workstream
 - Review of the deliverables
 - Translation of Deliverables 2, 3, 4, and 5 into Russian
 - Landscape review of ‘Data and AI ethics and research integrity in the CIS countries’

Participation in Conferences and Webinars

The AIDV outputs and experience should be presented at global, regional, national, and local conferences and events. We will ask RDA TIGER to provide a budget for this.

Education events

The AIDV outputs and experience should be integrated into education programmes. We will discuss with RDA TIGER on how to develop a budget for this.

- Education event: [‘Proposal](#) for a FORCE11 Scholarly Communication Institute (FSCI) course for the summer of 2024’

Following on the summer 2013 course [FORCE11 Scholarly Communication Institute \(FSCI\)](#) course we organised, ‘The Role of AI Ethics in Scientific Publications on Open Science Platforms: Examining the Use of AI in Global Publication Governance Models for Impactful Knowledge Sharing and Social Benefit’, we will propose to do a similar course under a revised model in 2024. The course dates are 29 July – 2 August 2024 at the UCLA Powell Library. This will be preceded by the FORCE-11 2024 Conference on 22-26 July 2024

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- Proposal for a CoARA ERIP Working Group: Discussion of the final proposal submitted to the Coalition for Advancing Research Assessment ([CoARA](#)) for an ‘Ethics and Research Integrity Policy in Responsible Research Assessment for Data and Artificial Intelligence (ERIP-WG).

We will look to see the uptake of these outputs for further discussion and adaptation to the needs of the (proposed) CoARA ERIP Working Group.

- [CoDATA RDA Schools of Research Data Science](#)
Organization of a data governance curriculum based on the AIDV outputs and in collaboration with other groups.

2. Finalising the AIDV mentorships of 8 fellows

Review of the work and outputs of the fellows. Discussion of a final paper from the fellows for publication. Certificates.

3. Next steps / Post AIDV

- A. A survey among the AIDV membership for feedback.
- B. RDA TIGER support in identifying and applying for future grants
- C. Applying to the Research Data Alliance US (RDA-US) Pilots the Targeted International working GRoups: US ([TIGRUS](#)) Program
‘to create recommendations (standards) that address data infrastructure roadblocks’
- D. Cooperation with the [Global Biodata Coalition](#) on data and AI governance
- E. A discussion of what the membership wants to do, e.g.,
 - An extension of the Working Group
 - A folding of the AIDV into another RDA WG or IG
 - A folding of the AIDV into another RDA-external WG

4. Timeline

This is a projected timeline for the completion of the AIDV’s work. The proposed dates and times below are suggested and may vary according to the needs and development of the work.

Date	Work/Event	Responsible Person(s)
Monday 27 November 2023 to Friday 15 December	Internal Review of the AIDV Deliverables 2, 3, 4, and 5	Workstreams Teams Co-chairs (TIGER)
Monday 27 November to Friday 15 December	External (Reer) Review of the AIDV Deliverables 2, 3, 4, and 5	Workstreams Teams Co-chairs (TIGER)

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Date	Work/Event	Responsible Person(s)
<p>Wednesday 6 December 2023</p>	<p>Proposal for a Special Issue/Collection to the Editors of Science and Engineering Ethics (Springer Nature Journal) ‘Law and Ethics Governance Standards for Implementing AI into Science and Society’</p>	<p>Co-chairs</p>
<p>Monday 15 January 2024 to Friday 26 January</p>	<p>RDA Community Review of the AIDV Deliverables 2, 3, 4, and 5</p>	<p>TIGER Co-chairs (Workstream Teams)</p>
<p>Monday 15 January 2024</p>	<p>Begin Outreach to CIS Countries</p> <ul style="list-style-type: none"> • Establishment of a specific workstream • Review of the deliverables • Translation of Deliverables 2, 3, 4, and 5 into Russian • Landscape review of ‘Data and AI ethics and research integrity in the CIS countries’ 	<p>Co-chairs (TIGER)</p>
<p>Monday 15 January 2024 to Friday 26 January</p>	<p>Integration into Other RDA Projects (e.g., GORC, FAIRsharing)</p>	<p>TIGER Co-chairs (Workstream Teams)</p>
<p>Monday 22 January 2024</p>	<p>Launch of the Survey</p>	<p>Co-chairs (TIGER)</p>
<p>Wednesday 31 January 2024</p>	<p>RDA Technical Advisory Board (TAB) for Endorsement of the AIDV Deliverables</p>	<p>Co-chairs</p>
<p>Wednesday 31 January 2024 13:00-14:00 UTC</p>	<p>Webinar #1 EOSC-Future RDA AIDV Law and Ethics Governance Standards for Implementing AI into Science and Society Law and Human Rights in AI</p>	<p>Workstreams Teams Co-chairs (TIGER)</p>

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Date	Work/Event	Responsible Person(s)
Wednesday 21 February 2024 13:00-14:00 UTC	<p style="text-align: center;">Webinar #2 EOSC-Future/RDA AIDV Law and Ethics Governance Standards for Implementing AI into Science and Society Consent in AI</p>	<p style="text-align: center;">Workstreams Teams Co-chairs (TIGER)</p>
Wednesday 13 March 2024 13:00-14:00 UTC	<p style="text-align: center;">Webinar #3 EOSC-Future/RDA AIDV Law and Ethics Governance Standards for Implementing AI into Science and Society Ethics Review in and for AI</p>	<p style="text-align: center;">Workstreams Teams Co-chairs (TIGER)</p>
Wednesday 21 March 2024	<p style="text-align: center;">Publication of Deliverables 3, 4, 5, 6, and 7</p>	<p style="text-align: center;">Workstreams Teams Co-chairs (TIGER)</p>
Monday 1 April to Friday 31 April	<p style="text-align: center;">Disseminating and Implementing Deliverables 3, 4, 5, 6, and 7</p>	<p style="text-align: center;">Co-chairs TIGER Workstreams Teams</p>
Monday 29 July to Friday 2 August	<p>2014 FORCE11 Scholarly Communication Institute (FSCI) Course ‘The Role of AI Ethics in Scientific Publications on Open Science Platforms: Examining the Use of AI in Global Publication Governance Models for Impactful Knowledge Sharing and Social Benefit’</p>	<p style="text-align: center;">Co-chairs (Workstreams Teams) (TIGER)</p>