

**Team Science - author contribution**  
**STATEMENT OF WORK: TS-XXX-01**

1. **Terms and Conditions.** This Statement of Work (“SOW”) is governed by and by this reference incorporates the Professional Services Terms and conditions set forth in Schedule 5 of the Open Science Platform and Services Agreement (the “Agreement”) between **SURFmarket B.V.** and **Elsevier B.V.** (“Elsevier”) dated 15 May 2020 (the “Terms”). Capitalized terms used herein that are not otherwise defined will have the meanings ascribed to them in the Terms. This SOW concerns an assessment and review of the CRediT classification in support of team science and is entered into between **[Institution]** (“Institution”) and **Elsevier B.V.** (“Elsevier”).
2. Institutions and Elsevier agree to abide to the Collaboration Principles laid down in Section 1.2 of the Terms.
3. **Commencement and Duration of this SOW.** This SOW shall come into force on the date on which it has been signed by both parties and shall continue in force until 31 July 2024, unless extended in writing by the parties or unless terminated earlier by the Institution by giving a sixty (60) *days*’ notice in writing.
4. **Acceptance Steering Committee.** This SOW can only enter into force after approval of the Steering Committee. The Service may only proceed after approval of the Steering Committee (as per the ‘Governance Structure’ in Schedule 5.1 of this Agreement).
5. **Services.** Elsevier and participating Institutions shall undertake a pilot and provide a Deliverable(s) in accordance with the following agreed specifications, acceptance criteria, time schedule and other relevant terms as may be set out herein.
6. **Description of the Pilot Service.**
  - 6.1 **Context:**

The scientific careers of researchers have been getting more diverse in recent decades. Where previously a researcher was responsible for the entire research, she or he received all the credits as the author of her/his article. Nowadays, research has become more complex with many different (and new) skills needed in a scientific team to complete the research question using modern technology and standards.

    - One of the key Open Science objectives of Dutch research is to re-define the reward and recognition of all actors in academia and promote Team Science. To properly Recognize & Reward one must capture contributions - in a consistent way - to ensure that all are fairly acknowledged, and team evaluations can be supported in a transparent way.
    - A NISO standard classification scheme (CRediT) has been developed describing 14 specific roles in research projects. Publishers are in the process of implementing this classification scheme in their journals, capturing the specific roles of the various contributors of the submitted papers.
  - 6.2 **Potential use cases**

Various use cases have been pre-identified for the use of contributor data:

    - Individual level & new career paths: on the individual level researchers can show, over time, their development as a professional researcher. This could also enable new career paths, for example for researchers primarily involved in a software application to the published research. The data can also be used to create narratives for review processes and in CVs.
    - Department level: on a department or group level, PI’s or department heads will be able to plot their team members according to their most prominent role(s) and analyze the gap between the desired and current team members. They could also do this on a larger scale in

- a strategic personnel planning process.
- At department and institution level, CRediT data might be used to determine the key relevant publications for institutional strategic planning and review purposes.
- Faculty level: for faculties it will be possible to form a strategic policy on local support. If certain roles are overrepresented or if certain tasks which could be centrally organized are lacking in the faculty analyses, these data could be used to make a business case to set up support tasks at a faculty level rather than per research group.
- Collaborative efforts: there will be a possibility for researchers or project leaders to analyze the distribution of roles across the niche of their research topic. And look for new collaborations if a team lacks a certain role. This will be possible within an institute but also outside of the institute and thereby foster new collaborations.

### 6.3 *The aim of this pilot (phase 1) is to assess:*

- if and how contributor data can enable the use cases described above.
- to what extent the Dutch published papers (from Elsevier proprietary journals initially) capture the defined roles of the various authors sufficiently (high % of authors having a contributor role defined).
- what set of (reporting) data is required that will enable research intelligence teams to provide insights/answers to the use cases mentioned above.

Depending on the outcomes of this pilot, partners may want to discuss in a follow up phase how the contributor data can best be ingested to support the use cases identified while minimizing the admin burden of individual contributors and or teams.

### 6.4 *Description of the Deliverable(s)*

Elsevier and partners shall provide the following specific Deliverable(s) under this SOW:

Name	Description
White paper (Academic Partners)	A white paper describing how contributor data can support Team Science use cases, and what potential pitfalls might be.
Analyses of the contributor roles in published papers (Elsevier)	Elsevier will deliver analyses into the contributor in the form of a report which provides insights into uptake per paper, per contributor, etc. Elsevier aims to provide per participating institution relevant CRediT datasets for further detailed analyses by participating institutions
Evaluation and Recommendations	The pilot will be evaluated, and recommendations will be included if and how to proceed after the pilot.

### 6.5 *Specifications*

The Service and Deliverable(s) under this SOW shall comply with the following specifications:

Name	Description
Whitepaper	Will be delivered in PDF format and publicly available on epdos.nl
Analytics report	Format TBD

### 6.6 *Acceptance Criteria*

The Acceptance Criteria are that the pilot Service and the Deliverable(s) must comply with all the specifications and all the requirements of this SOW, the Terms and other parts of the Agreement.

### 6.7 *Time Schedule*

The Services and the Deliverables shall be provided according to the following time schedule, or as may be adjusted by agreement in writing between the parties:

Date or Time Period	Description of Stage or Milestone
6 months following the SoW signature	Whitepaper in draft
6 months following the SoW signature	Provide analytics report on an NL dataset and provide participating institutions with data at institutional levels.
8 months following SoW signature	Pilot evaluation.

6.8 **Location**

In general, the Services shall be performed by Elsevier and the institutions at their premises. If so required, Elsevier shall attend such meetings at Institutions' premises as may be required for the efficient performance and delivery of the Service and the deliverable(s).

6.9 **Named Personnel**

Elsevier and participating Institutions shall use its best endeavors to ensure that the following named individuals shall perform the Services and Institutions' responsibilities, respectively, but each of Elsevier and these Institutions may substitute other personnel for such individuals provided that it has notified and agreed this in advance in writing with the other party.

[If applicable, please insert name(s) of named personnel]

6.10 **Other Details**

[Insert any other details if applicable]

7. **Acceptance of Deliverables.**

7.1 For any Deliverables, such Deliverables provided shall be checked by participating Institutions and Elsevier for compliance with the agreed specifications. Elsevier and participating Institutions shall use reasonable efforts to modify the rejected Deliverable so that it meets the applicable specifications and deliver the modified Deliverable for checking.

7.2 If the parties fail to modify a Deliverable that has been rejected so that it meets the specifications within the period specified in the applicable rejection notice, the parties may, at its option:

7.2.1 terminate:

- (a) the applicable Deliverable;
- (b) the applicable SOW;

7.2.2 perform additional corrections to the Deliverable or component thereof within a specified extended period; or

7.2.3 accept the Deliverable despite its deficiencies.

8. **Reporting.** within [xx] days after the end of each month, the parties will provide a full and accurate report to the steering committee summarizing all services activities performed that occurred during such month.

9. **Review Meetings.** If requested by the steering committee, appropriate Personnel will participate in fortnightly status review meetings, which may be conducted by telephone or at such times and locations as may be reasonably specified. The meetings will be for the purpose of reviewing the performance and progress hereunder and discussing and resolving any problems between the

Parties. Both Parties can initiate a review meeting at any time they feel one is needed and an alternate meeting schedule / frequency can be agreed upon during the term of the Agreement if circumstances or need changes.

10. **On-Site Terms.** When Elsevier provides any Services while based on any location, the following terms shall apply:

10.1 **On-Site Personnel.** While Personnel are based on Institution's locations in connection with the performance of any of the Services, Personnel shall comply with all of Institution's rules, regulations and policies, concerning such matters as working hours (which will be established by Institutions contact), holidays, and Institution's customary security measures. Prior to commencing the performance of any assignment, Personnel may be issued with an identification card which Personnel shall return to their Institution's contact on the last day of the performance of the Services. Institution shall supply Personnel with suitable workstations similar to those provided by Institution to its employees of a similar position, and Institution will furnish Personnel with the supplies and equipment they need to perform their assigned tasks. Within 2 weeks after the start of Personnel, Elsevier shall inform Institution in writing how much vacation time each Personnel member is entitled to take during the agreed period of the Services and when such vacation will be taken. Institution shall not be charged for vacation time taken by Personnel.

11. **Governing law.** This SOW is governed by the laws of the Netherlands.

**Agreed for and on behalf of participating Institutions**

**By:** SIGNATURE\_0001

**Date:**

**Name:**

**Title:**

**Agreed for and on behalf of Elsevier**

**By:** SIGNATURE\_0002

**Date:**

**Name:**

**Title:**