

\* Document changes are marked in red

## CONTRIBUTOR ROLES IN MULTIPLE AUTHOR SUBMISSIONS

**English Studies at NBU (ESNBU)** uses **CASRAI's CRediT (Contributor Roles Taxonomy)**, a high-level taxonomy including 14 roles that can be used to represent the roles typically played by contributors to scientific scholarly output. The roles describe each contributor's specific contribution to the scholarly output.

The roles given in the below taxonomy include, but are not limited to, traditional authorship roles. The roles are not intended to define what constitutes authorship, but instead to capture all the work that allows scholarly publications to be produced.

**SHARED RESPONSIBILITY** - **Corresponding authors** should assume responsibility for role assignment, and all contributors should be given the opportunity to review and confirm assigned roles.

**All authors must submit a separate Contributor roles document individually from their institutional e-mail address.** This should act as evidence in possible post-publication authorship disputes.

**LIST ALL CONTRIBUTIONS** - **All contributions** should be listed, whether from those listed as authors or individuals named in acknowledgements.

**MULTIPLE ROLES POSSIBLE** - Individual contributors can be assigned multiple roles, and a given role can be assigned to multiple contributors.

**DEGREE OF CONTRIBUTION OPTIONAL** - Where multiple individuals serve in the same role, the degree of contribution can optionally be specified as '**lead**', '**equal**', or '**supporting**'.

Consult the taxonomy below and allocate a role to each person who may have a reasonable claim to be named an author. Name also other contributors who are not authors. Specific degree of contribution is optional.

An example is provided at the end of this document.

**CONTRIBUTOR ROLES TAXONOMY**

#	ROLE	DEFINITION
1	<b>Conceptualization</b>	Ideas; formulation or evolution of overarching research goals and aims.
2	<b>Data curation</b>	Management activities to annotate (produce metadata), scrub data and maintain research data (including software code, where it is necessary for interpreting the data itself) for initial use and later re-use.
3	<b>Formal analysis</b>	Application of statistical, mathematical, computational, or other formal techniques to analyse or synthesize study data.
4	<b>Funding acquisition</b>	Acquisition of the financial support for the project leading to this publication.
5	<b>Investigation</b>	Conducting a research and investigation process, specifically performing the experiments, or data/evidence collection.
6	<b>Methodology</b>	Development or design of methodology; creation of models.
7	<b>Project administration</b>	Management and coordination responsibility for the research activity planning and execution.
8	<b>Resources</b>	Provision of study materials, reagents, materials, patients, laboratory samples, animals, instrumentation, computing resources, or other analysis tools.
9	<b>Software</b>	Programming, software development; designing computer programs; implementation of the computer code and supporting algorithms; testing of existing code components.
10	<b>Supervision</b>	Oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team.
11	<b>Validation</b>	Verification, whether as a part of the activity or separate, of the overall replication/reproducibility of results/experiments and other research outputs.
12	<b>Visualization</b>	Preparation, creation and/or presentation of the published work, specifically visualization/data presentation.
13	<b>Writing – original draft</b>	Preparation, creation and/or presentation of the published work, specifically writing the initial draft (including substantive translation).
14	<b>Writing – review &amp; editing</b>	Preparation, creation and/or presentation of the published work by those from the original research group, specifically critical review, commentary or revision – including pre- or post-publication stages.

## *Example*

### **CONTRIBUTOR ROLES**

#### **Author1: First name Last name:**

Conceptualization, lead

Data curation, equal

Investigation, lead

Methodology, supporting

Formal Analysis, lead

Writing – original draft, lead

#### **Author 2: First name Last name**

Methodology, lead

Supervision, lead

Validation, lead

Visualization, equal

Project Administration, lead

Writing – review and editing, lead

#### **Author #**

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#### **Contributor 1 (not named as author): First name Last name:**

Data curation, equal

Resources, lead

Visualization, equal

#### **Contributor #**

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Source: <https://credit.niso.org>