Title/Name of your software

A. Author

Your institute, some address

Abstract

Keywords:

Required Metadata

Current code version

Nr.	Code metadata description	Please fill in this column
C1	Current code version	
C2	Permanent link to code/repository used for this code version	
C3	Code Ocean compute capsule	
C4	Legal Code License	
C5	Code versioning system used	
C6	Software code languages, tools, and services used	
C7	Compilation requirements, operating environments & dependencies	
C8	If available Link to developer documentation/manual	
C9	Support email for questions	

Table 1: Code metadata (mandatory)

1. **1. Motivation and significance**

2. **2. Software description**

3. *2.1. Software Architecture*

4. *2.2. Software Functionalities*

5. *2.3. Sample code snippets analysis (optional)*

6. **3. Illustrative Examples**

7. **4. Impact**

8. **5. Conclusions**

9. **6. Conflict of Interest**

10. **Acknowledgements**

11. **References**