DATA MANAGEMENT PLAN

# 1. Data description and collection or re-use of existing data

## How will new data be collected or produced and/or how will existing data be re-used?

ponownego wykorzystania dost ę pnych danych

New data will be generated during laboratory tests and computer simulations. The experimental data will

be collected by PC. Research procedures, schematics, simulation files, and measurement results will be

collected by PI on a personal computer. The data obtained on the basis of simulations or experimental

measurements will be developed using processing software, including Python, Matlab, and others. During

the project, existing data will also be used. The data to be used are available under specific restrictions,

wykorzystanie dost ę pnych danych

Papers, tutorials, reports and presentations saved in formats: .docx, .tex, .pdf, .pptx. In overall less than 5

Numerical files: .csv, txt. In overall less than 4 Gb;

Images saved in formats: .fig, .png, .eps. Pdf In overall more than 4 Gb;

Software used in the project: Matlab (.m, .slx, .mat), Ansys (.aedb), Python (.py), In overall more than 10 Gb;

## What data (for example the types, formats, and volumes) will be collected or produced?

# 2. Documentation and data quality

## What metadata and documentation (for example methodology or data collection and way of organising data) will accompany data?

## What data quality control measures will be used?

# 3. Storage and backup during the research process

## How will data and metadata be stored and backed up during the research process?

metadan ych podczas bada ń

The backup of all the data will be done during the whole project duration. All data derived from

simulations will be also stored on PCs. The backup process will be done monthly.

Sposób zapewnienia bezpiecze ń stwa danych oraz ochrony

danych wra ż liwych podczas bada ń

Only project members will have read access; only selected project members will be able to write data. The

intranet drive, governed by Gdańsk Tech and protected by passwords, will be used for sharing data with

coworkers

Metadan e i dokumenty (np. metodologia lub pozyskiwanie

danych oraz sposób porz ą dkowania danych) towarzysz ą ce

danymNIE DO TYCZY na wszystkie

Edytuj

Słów: 91, Znaków: 604

Edytuj Nie dotyczy

Słów: 72, Znaków: 421

The folders will be organised by the milestone/used software. Selected data will be facilitated by open

research data repository - the Bridge of Data form Gdańsk University of Technology. The metadata

describing the data will include: author(s), ORCID, title and release date. We will use README files related

to document data origin and generation/processing steps.

Stosowane ś rodki kontroli jako ś ci danych

Measurements data will be mostly created and collected automatically by measuring instruments, which

will be calibrated according to manufacturer requests. Before performing tests, the measuring unit will be

tested using standard data delivered by manufacturer or based on the patterns on the applicant's

equipment. Simulation data will be mostly created and collected automatically.

bada ń

## How will data security and protection of sensitive data be taken care of during the research?

# 4. Legal requirements, codes of conduct

## If personal data are processed, how will compliance with legislation on personal data and on data security be ensured?

Nie dotyczy

Sposób zarz ą dzania innymi kwestiami prawnymi, np. prawami

własno ś ci intelektualnej lub w ł asno ś ci ą . Obowi ą zuj ą ce przepisy

The right to all generated data will be inline with university policy.

Sposób zapewnienia zgodno ś ci z przepisami dotycz ą cymi

danych osobowych i bezpiecze ń stwa danych w przypadk u

Edytuj Nie dotyczy

Słów: 55, Znaków: 366

Edytuj Nie dotyczy

Słów: 53, Znaków: 383

Edytuj Nie dotyczy

Słów: 32, Znaków: 177

Edytuj Nie dotyczy

Słów: 36, Znaków: 218

## How will other legal issues, such as intelectual property rights and ownership, be managed? What legislation is applicable?

# 5. Data sharing and long-term preservation

## How and when will data be shared? Are there possible restrictions to data sharing or embargo reasons?

## How will data for preservation be selected, and where will data be preserved long-term (for example a data repository or archive)?

miejsce d ł ugotrwa ł ego przechowywania danych (np.

Sposób i termin udost ę pnienia danych. Ewentualne ograniczenia

w udost ę pnianiu danych lub przyczyny embarga

The MOST Wiedzy Open Research Data Catalog will be the main data repository as well as will be

published in scientific journals in dedicated data repositories. The data provided in the repository will fulfill

FAIR requirements.

The selection of data to be stored will be correlated with the main results obtained from the particular

research tasks. the project membbers will decide which part of the data is worth being included in

repository, depending on their usefulness.

Metody lub narz ę dzia programowe umo ż liwiaj ą ce dost ę p do

## What methods or software tools will be needed to access and use the data?

The shared data will be in open formats, so there will be no need for specialized software by recipients.

Edytuj

Edytuj Nie dotyczy

Słów: 12, Znaków: 70

Edytuj Nie dotyczy

Słów: 36, Znaków: 227

Edytuj Nie dotyczy

Słów: 40, Znaków: 246

Edytuj Nie dotyczy

Sposób zapewniaj ą cy stosowanie unikalnego i trwa ł ego

## How will the application of a unique and persistent identifier (such us a Digital Object Identifier (DOI)) to each data set be ensured?

ka żdego zestawu danych

In the repository where data will be stored, the deposited datasets will be given unique DOI identifiers.

# 6. Data management responsibilities and resources

## Who (for example role, position, and institution) will be responsible for data management (i.e the data steward)?

zarz ą dzanie danymi (np. data steward)

Open Science Competence Center (pg.edu.pl/openscience) - established by Gdańsk Tech will be

responsible for DMP

and data storage and dissemination. Project PI will be responsible for the procedures assessment and

overall data

## What resources (for example financial and time) will be dedicated to data management and ensuring the data will be FAIR (Findable, Accessible, Interoperable, Re-usable)?

danymi i zapewnienia mo ż liwo ś ci odnalezienia, dost ę pu,

interoperacyjno ś ci i ponownego wykorzystania danych

PI will monitor the implementation of the data management plan and, if necessary, make corrections

during the project.

© 2025 O ś rodek Przetwarzania Informacji – Pa ń stwowy Instytut Badawczy

Build: 2025-05-26 11:21:15 CESTRevision: 2af1e5349025Branch: produkcja

Node: produkcja-single-osf-stary-77c6ccf8f9-4nrwwSłów: 19, Znaków: 105

Edytuj Nie dotyczy

Słów: 17, Znaków: 105

Edytuj Nie dotyczy

Słów: 33, Znaków: 232

Edytuj Nie dotyczy

Słów: 18, Znaków: 1 18

Polityka cookies

Klauzula informacyjna RODO

Deklaracja dost ę pno ś ci

Regulamin