

Open Science/Open data: Challenges and Best Practices in Scientific data Management



UNIFESP

Ruy R Campos



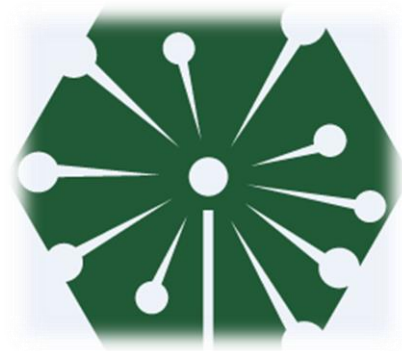
PRÓ-REITORIA DE PÓS-GRADUAÇÃO E PESQUISA





Why has UNIFESP decided to carry out the initiative to promote the creation of an open repository of research data?

Open Access to Scientific Data will promote :

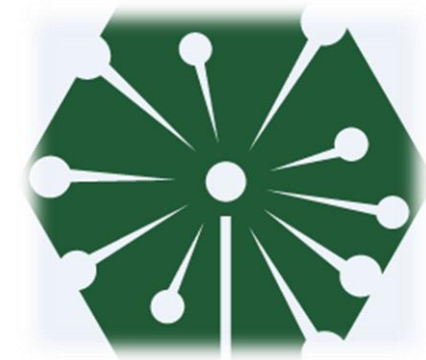


- Increasing possibilities and create new research /ideas from accessible data;
- Increasing Visibility;
- Increasing possibility of sharing and analyzing data in real time;
- Increasing interaction among researchers from different areas of research (Interdisciplinary Projects);
- Maximizing data reuse by efficient data extraction;
- Increasing transparency of scientific research, an important tool to reduce fraud;
- Ensuring compliance with funding agencies (For example: FAPESP) and Scientific Journal Policies...

Open Repository of Research Data



What are the main actions already undertaken by UNIFESP?



Starting point

III International Seminar on Digital Preservation – SINPRED - 3rd and 4th of May,
Brasília DF - 2017;

WORKSHOP

Sonia Barbosa – Manager of Data Curation and Acquisition for the Harvard Dataverse Project
from Murray Research Archive, **Harvard University**

Corey Davis – Curation Digital Preservation Digital COPPUL, Vancouver, Canadá.
The consortium comprises 22 university libraries located in
Manitoba, Saskatchewan, Alberta and British Columbia, plus 17
affiliate members that participate in e-resource licensing only.

Dataset Repository UNIFESP – TEAM



COMPOSITION OF THE STUDY GROUP AND IMPLEMENTATION WORK Datasets Repository - DR UNIFESP - MAY/2017 - Data Science & Product Research

Soraya Soubhi Smaili (Reitora); Maria Angélica Pedra Minhoto (Assessoria de integração acadêmica)

Esper Abrao Cavalheiro (Pró-reitor de pós-graduação e pesquisa) e Ruy Ribeiro de Campos Junior (Pró-reitor adjunto de pós-graduação e pesquisa)

Maria Eduarda S. Puga (Diretora da CRBU), Norma Iwashita Moriama (Diretora Adjunta CRBU)

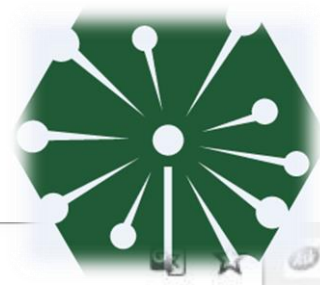
Flávio Castro de Sousa, Alexandro Cardoso Carvalho (Divisão de Tecnologia da Informação)

Diogo Misoguti, Adréia Akemi Oribe Hayashi (Comitê Gestor do Repositório Institucional)

Lidiane Cristina da Silva (Procuradora Educacional Institucional)

Juliana Almeida dos Santos (Técnica em Arquivos)

Dataset Repository DR UNIFESP



→ ↻ Seguro | <https://dataverse.org>

 **Dataverse Project** About ▾ Community ▾ Best Practices ▾ Software ▾ Contact

SELECTED
SOFTWARE

The
Dataverse[®]
Project 

Open source research data repository software



Researchers

Enjoy full control over your data. Receive *web visibility, academic credit, and increased citation counts*. A personal dataverse is easy to set up, allows you to display your data on your personal website, can be branded uniquely as your research program, makes your data more discoverable to the research community, and satisfies data management plans. [Want to set up your personal dataverse?](#)

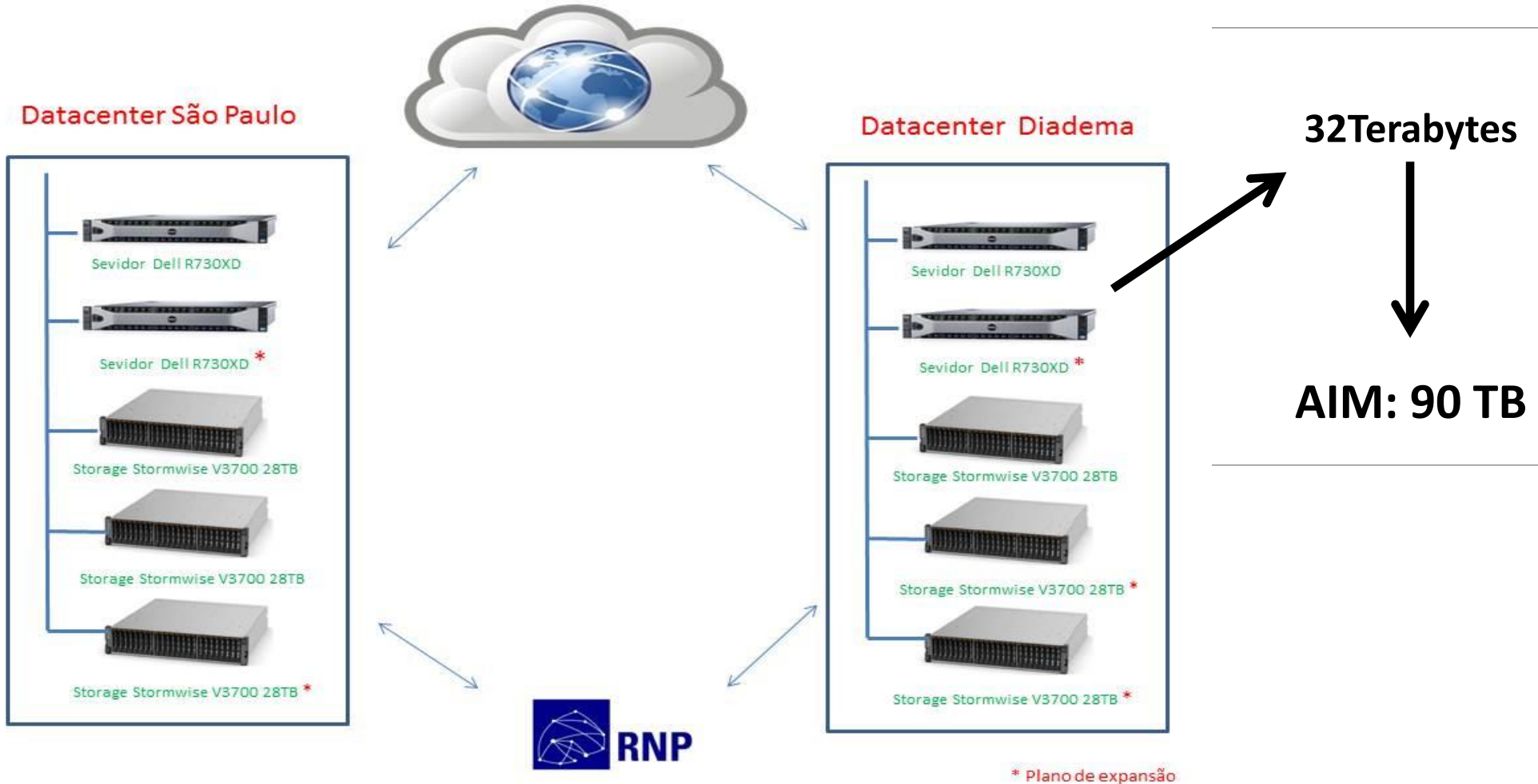
Dataset Repository

DR UNIFESP

GT – FAPESP / INFRASTRUCTURE



Distribuição da rede de dados de pesquisa Unifesp





Dataset Repository

DR UNIFESP



GT FAPESP –
Definition of 21 metadata for all institutional projects



DATA MANAGEMENT PLAN UNIFESP

Institutional platform that contemplates the data management plan for all projects. This will allow establishing the Institutional need for the custody of all research activity carried out at UNIFESP.





REPOSITORIODEDADOS.UNIFESP.BR



Repositório de Dados de Pesquisa UNIFESP

PILOT PROJECT DEPOSIT DATA
CAMPI BAIXADA SANTISTA AND GUARULHOS

Métricas

1 Download

Contato Share



Escola de Filosofia, Letras e Ciências Humanas



Escola Paulista de Enfermagem



Escola Paulista de Medicina



Escola Paulista de Política, Economia e Negócios



Pesquise este dataverse ...

Encontrar

Busca Avançada

Dataverses (10)

Conjunto de dados (1)

1 a 10 de 11 Resultados

Ordenar

Instituto de Física (unifesp.br)



I Seminário Gestão de Dados de Pesquisa



Universidade Federal de São Paulo e Universidade Federal do ABC

Local: Anfiteatro da Reitoria da Universidade Federal de São Paulo
Rua Sena Madureira, 1500 Vila Mariana. São Paulo/SP. Térreo

Datas e Horários:

27 de agosto de 2018 das 8h30 às 16h
28 de agosto **NÃO HÁ PROGRAMAÇÃO**
29 de agosto de 2018 das 9h00 às 17h





What are the challenges?



Challenges:

Financial support, how will costs be managed?

Institutional infrastructure (physical and employee) to support the researcher's data management plan;

Which data should be retained (final data)?

For how long should data be maintained?

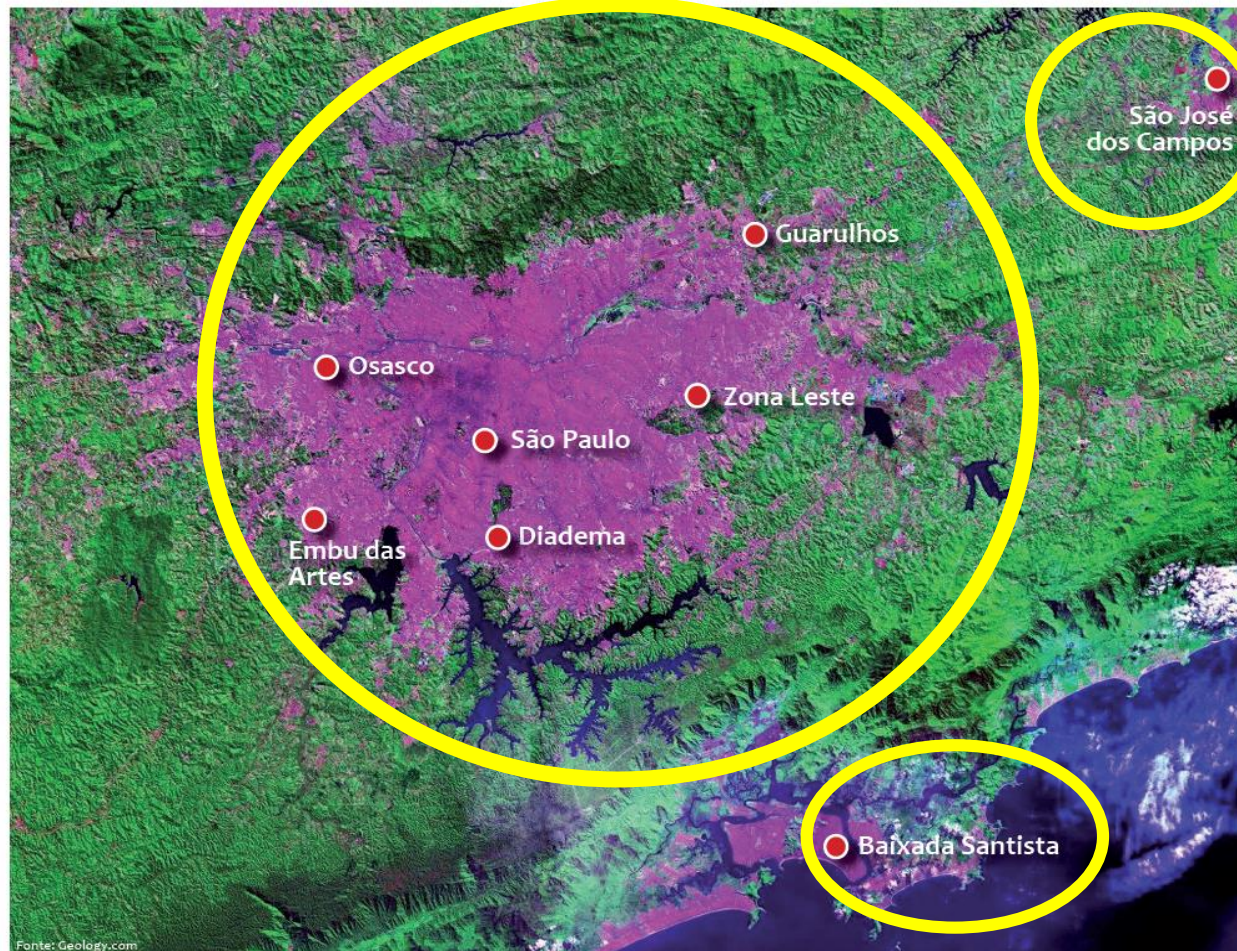
Complexity and size of dataset;

Complexity of different areas of research (Images; some research, e.g. with personal identifiers cannot be shared; can someone steal my idea?)...



The **Federal University of São Paulo** is located in the most populated and wealthiest state of Brazil: São Paulo.

Geografia Multicampi da
Unifesp





Baixada Santista



Diadema



Guarulhos



Osasco



São José dos Campos



São Paulo

	Nº	Enrollments
Undergraduate Courses	52	13,000
Graduate Programs	67	5,340
Medical Residence	86	1,096
Multiprofessional Residence	20	561
Continuing Education Courses (Specialization and Professional Development)	130	2,369
Social Programs	60	-
Social Projects	154	-
Learning Distance	21	9,264
TOTAL		35,160
Faculty		1,547
Staff (UNIFESP + HU)		4,000
TOTAL		5,547

 NIFESP | Latin America Ranking (2018)



#3 in Brazil,
Federal # 1



Publication
with high
citation index

4 in Latin
America





UNIFESP | Fundamental Principles and Structural Axes





PRÓ-REITORIA DE PÓS-GRADUAÇÃO E PESQUISA



Thank You