

Institutional Repositories

Challenges, Choices, Changes

Ina Smith (University of Pretoria)

Locating the Power of In-between Conference

1 – 2 July 2008 Centurion, South Africa

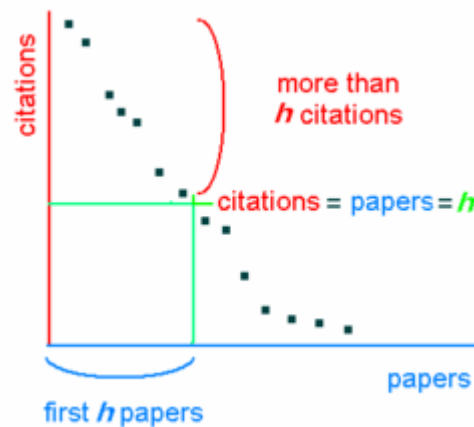
What is an Institutional Repository?

- Set of services
- Management & dissemination of research material
- Organizational commitment
- Stewardship
- Long-term **preservation**
- Organization, **(open) access**, distribution

(Lynch 2003)

Challenge #1:

Increase/ improve research profile of individual researchers & institution



H-Index



Institutional Repositories

Research on IR

Increased visibility,
usage, impact

Increase in
citation rate

Impact on NRF
Rating, H-index etc.

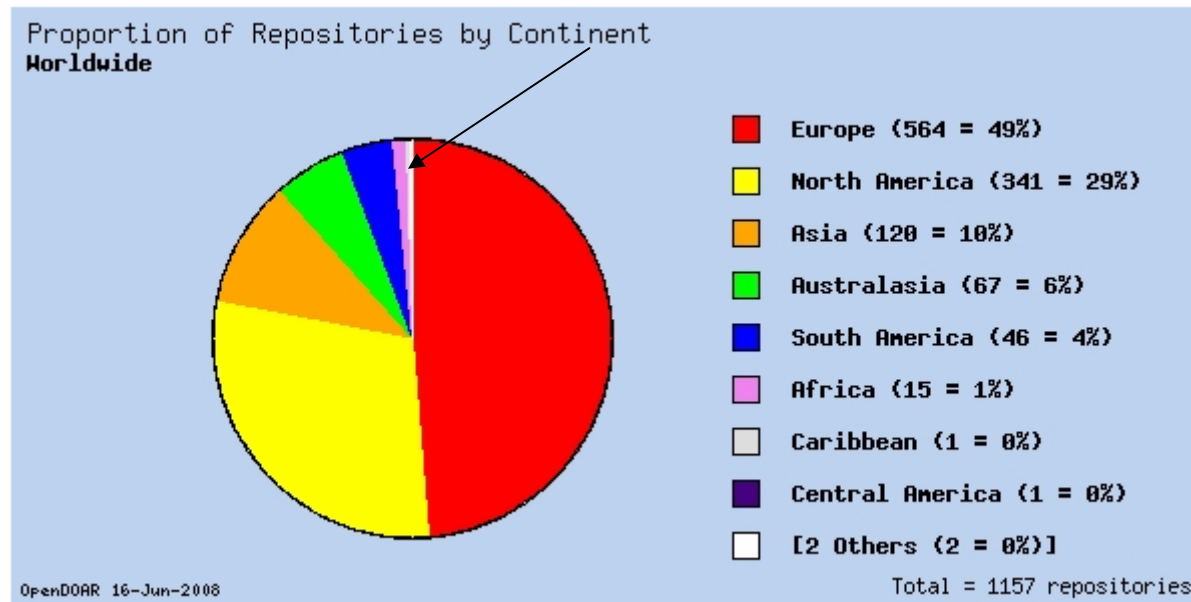
Shanghai
University List



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

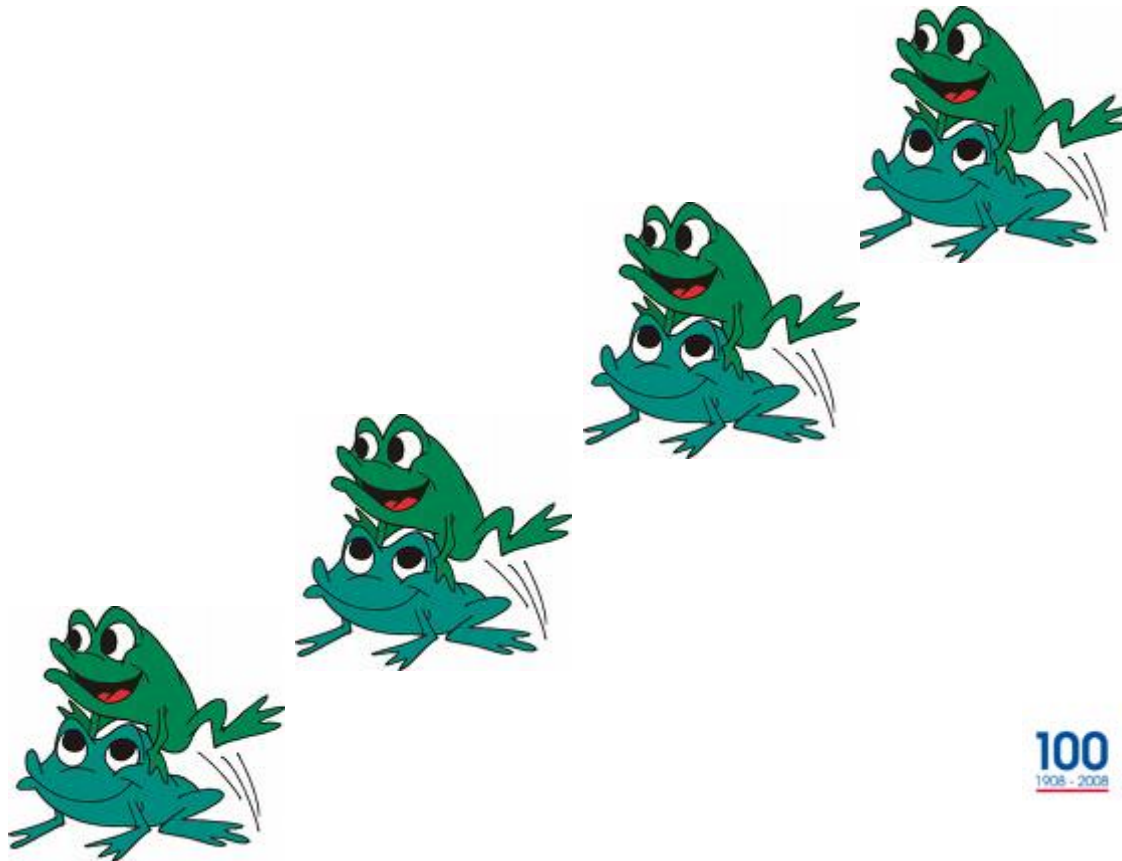
Challenge #2:

More IR's in Africa and South Africa



Challenge #3:

Share & help other institutions (leapfrogging)



Challenge #4:

Sell the idea to members of own institution



Challenge #5:

Populate your IR



SAMJ FORUM

CLINICAL IMAGES

Awaking a sleeping epidemic

Evans van Cutsem, Eliza van Raenburg, Chas Schabas, Debrae Bredt, Gerhard Wabnitz, M C Duvvuri

Two patients with African sleeping sickness (SS) presented to the sleeping unit, Pretoria Academic Hospital, during 2008 and 2009. SS has shown a recent resurgence, with epidemics in the Sudan, Angola and the Democratic Republic of Congo. The number of infected people in Africa is currently estimated at more than 500 000. According to the World Health Organization (WHO), about 20 Trypanosoma brucei antibodies and 30 T. brucei infections are diagnosed yearly, mostly in rural endemic areas in Africa. Migration, tourism, peacekeeping and military interventions and the re-emergence of SS epidemics might increase these numbers.

The electroencephalogram (EEG) is often useful in the diagnosis of coma and delirium, but has not been widely used in the diagnosis of SS. The EEG is proposed as a novel way to follow disease progression, treatment response and treatment-induced encephalopathy.

Case 1

A 37-year-old man presented with a 4-month history of fatigue, loss of appetite, intermittent severe headaches, excessive daytime sleepiness, loss of concentration and tremors. He had travelled to Malawi 8 months before admission. His temperature was 38.0°C, but had a negative leucogram and an unremarkable neurological examination although his response to passive stretch was slow. Diagnosis of African trypanosomiasis was made on Giemsa-stained blood smear (Fig. 1).

Shortly after admission the patient had a trace of dark urine with proteinuria and haematuria. Treatment with suramin was started and repeat blood smears after 48 hours were clear of trypanosomes. The cerebrospinal fluid (CSF) showed an erythrocytosis but a total protein level of 1.2 g/L, glucose 2.1 mmol/L, 4 lymphocytes and 62 neutrophils. PCR demonstrated treatment with suramin (Fig. 2).

Seven days after admission urine showed haematuria coinciding with the diagnosis of West African trypanosomiasis (PAT) was made. Electroencephalogram was unremarkable and treatment with melarsoprol continued. The patient recovered well and returned to the UK.

Case 2

A 53-year-old man presented with a 2-month history of severe, headache and episodic confusion. He was a farmer from Durban in Zimbabwe where he had been treated for malaria without any clinical improvement. He gave a history of multiple bites by ticks but did not have a tick bite. A Giemsa-stained blood smear showed Trypanosoma spp. On admission his temperature was 39.0°C, but his general examination was unremarkable. He was very sleepy but easily arousable. The diagnosis of East African trypanosomiasis (EAT) was confirmed by exhibiting T. brucei from uncoagulated urine. Treatment with suramin was started and repeated Giemsa-stained blood smears did not show any trypanosomes. The following day he had a fatal cardiac arrhythmia probably due to toxicity.

Our first patient had a series of EEG recordings. These indicate a 3-month severe frequency background with episodic, generalized but frequently asymmetric focal activity (Fig. 2). Post-sleep showed a gradual improvement in the background activity but the second episode had an inter-

Fig. 1. Giemsa smear (case 1) showing characteristic trypanosomes (arrow) in the peripheral blood.

Fig. 2. Post-sleep showed a gradual improvement in the background activity but the second episode had an inter-

The authors are in the departments of Neurology and Clinical Microbiology, University of Pretoria.

S. Afr. J. Agric. Ext., 1982, 47:54
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THE ROLE OF EXTENSION IN TRADITIONAL AGRICULTURE: EVIDENCE FROM THE FARMER SUPPORT PROGRAMME

J. F. Kuyper, J. van Zyl and H. J. Smit van der Walt*

ABSTRACT

This paper evaluates the extension and training element of the FSP as implemented in the farmer support programme of Transvaal and Lesotho. The importance and contribution of extension and training in the success of the programme are discussed from this paper. The general conclusion of the paper is that extension and training is a contributory towards increasing production volume a part of extension. Some analysis and observations are made on the role of the FSP in rural extension. The paper concludes that the FSP programme, however, is not an extension programme in the traditional sense. The paper also concludes that the FSP programme is not a traditional extension programme. Training and extension that do not contribute to higher income levels in FSP areas.

OPINIONS

Die rol van die uitbreiding en opleiding element van die kleinboer ondersteuningsprogram (FARMER Support Programme) (FSP) word in hierdie artikel bespreek. Die algemene gevolgtrekking van die artikel is dat uitbreiding en opleiding 'n bydraende faktor is tot die sukses van die FSP-program. 'n Analise en waarnemings word gemaak oor die rol van die FSP in landbou-uitbreiding. Die artikel sluit af met die gevolgtrekking dat die FSP-program nie 'n tradisionele uitbreidingsprogram is nie. Opleiding en uitbreiding wat nie bydra tot hoër inkomstevlakke in FSP-gebiede nie.

1. INTRODUCTION

In response to the ineffective and costly large scale project approach in traditional agriculture, the Government of South Africa introduced the concept of a small holder farmer support approach in order to reach this objective the FSP comprises six basic elements, in the shape of inputs and small farmers in the homestead (de Van Rooyen et al 1982), the farmer support programme (FSP) was

by improving farmer access to support services (de Van Rooyen, 1982).

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SA Media - The University of the Free State

14 Oct 2009

PROTECTION UP TO A POINT

An expert explains why consumers should be aware of the price of their food.

SA Media - The University of the Free State



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 GCCTGTGCTCCGCGCCGACAGCTCAACTCACTGATTAAGTAAAGCTTCAAGCTGAT

Challenge #6:

Develop skills – IT, Library staff



Challenge #7:

Get publishers to formulate policies on self-archiving



Challenge #8:

Change mindsets towards open source



Challenge #9:

OAI-PMH Compliancy



Challenge #10:

Preservation/ curation



Will your work withstand the test
of times to come?

Other common challenges ...

- Adoption rate by academics
- Providing for sustainability
- Developing policies
- Managing intellectual property rights
- Cost management
- Curation of data sets

“Challenges are what make life **interesting**;
overcoming them is what makes life
meaningful.”

Joshua J. Marine

“People are like **rubber bands**. They are
most **valuable** when they are **stretched**,
not when they are at rest.”

John C. Maxwell

Institutional Repositories

Questions?

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Bibliography

Clifford A. Lynch,

"Institutional Repositories: Essential Infrastructure for Scholarship in the Digital Age" ARL, no. 226 (February 2003): 1-7.