

Global Research Alliance Modelling Platform (GRAMP)

Dr. Jagadeesh Yeluripati



The James
Hutton
Institute



Aim of GRAMP :

1. Increase understanding of the development of the model through time
2. Publicise the availability of different model code versions for specific scenarios and situations
3. Publicise the availability of high quality parameterisations for specific agro-climatic regions
4. To establish a virtual lab where discussion of ideas on model development and user training could be provided

New features in GRAMP :

1. Projects
2. Surveys
3. MAGGnet integrated

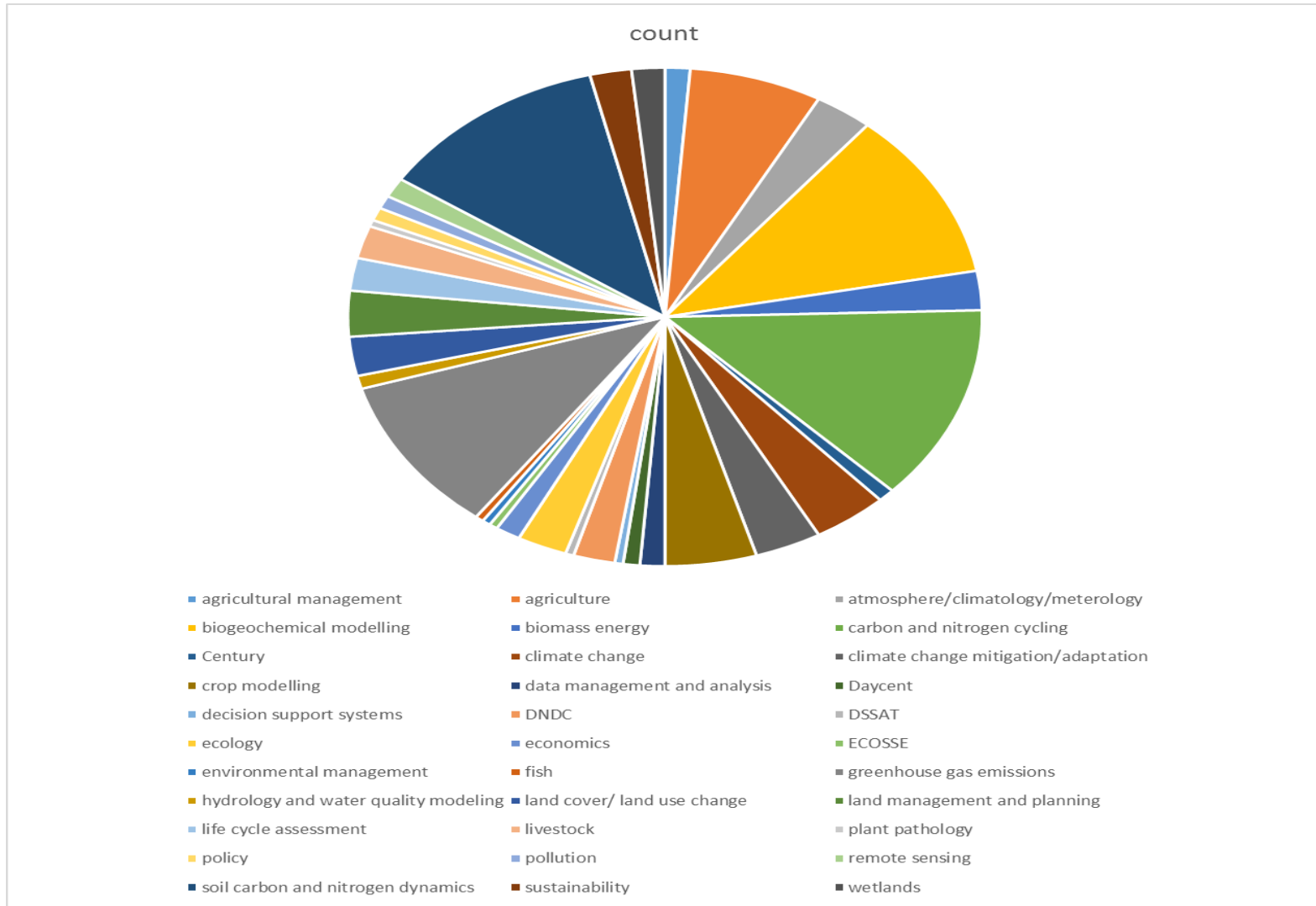
GRAMP launched on



5th June 2015

World Environmental Day

GRAMP user statistics





The James
Hutton
Institute

GRAMP registered members



GRAMP web page



The James
Hutton
Institute

Browser navigation bar showing 'GRAMP: Home' and 'gramp.org.uk'. Includes search, back, forward, and home icons. Below the address bar is a bookmarks bar with folders for 'Apps', 'MY Emails', 'My banks', 'News', 'Personal', 'Scientific', 'Shopping', 'University services', 'Google Scholar', 'JHI_Services', 'Utilities', 'Open Agent Based ...', and 'Other bookmarks'.

Featured GRAMP Models

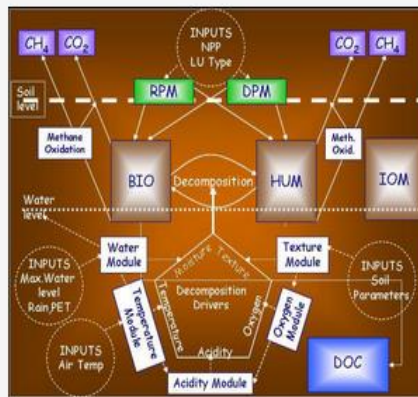
[View All Models](#)



Explore DNDC Models

The DNDC Model is Gramp's flagship project; growing and evolving rapidly. Explore the models to find associated papers below.

[Learn More](#)



Explore ECOSSE Models

ECOSSE is the second family of models to be added to the GRAMP project.

[Learn More](#)

Tweets

World Bank @WorldBank 25m
Health worker deaths due to #Ebola could have lasting impact on maternal mortality in #Guinea #Liberia #SierraLeone: wrld.bg/Po1V6
[Expand](#)

UN Development @UNDP 29m
#Mexico-based #Contigo joins @BCtAInitiative to improve women's livelihoods in #Mexico: on.undp.org/PsLS2 pic.twitter.com/GOL8WJbbha



[Expand](#)

FAOKnowledge @FAOKnowledge 40m
Dvlping local value chains for food & #nutrition sec in #PacificIslands. 3 action areas: bit.ly/1O5FSod pic.twitter.com/2UOylkjYDS



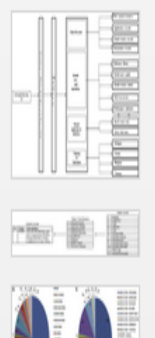
You have **Guest** access to ScienceDirect Find out more...



Purchase Export Search ScienceDirect Advanced search

Article outline Show full outline

- Highlights
- Abstract
- Keywords
- 1. Introduction
- 2. GRAMP
- 3. Pilot study of GRAMP using the D...
- 4. Discussion
- 5. Conclusions and future outlook
- Acknowledgements
- References

Figures and tables



 **Computers and Electronics in Agriculture** 

Volume 111, February 2015, Pages 112–120

Global Research Alliance Modelling Platform (GRAMP): An open web platform for modelling greenhouse gas emissions from agro-ecosystems

Jagadeesh B. Yeluripati^{a, i}, Agustin del Prado^b, Alberto Sanz-Cobeñal^a, Robert M. Rees^c, Changsheng Li^d, Dave Chadwick^e, Emma Tilston^e, Cairistiona F.E. Topp^c, Laura M. Cardenas^f, Pete Ingraham^g, Sarah Gilhespy^f, Steven Anthony^h, Sylvia H. Vetterⁱ, Tom Misselbrook^f, William Salas^g, Pete Smithⁱ

Show more

Choose an option to locate/access this article:

Check if you have access through your login credentials

Purchase \$37.95

Get Full Text Elsewhere

Recommended articles

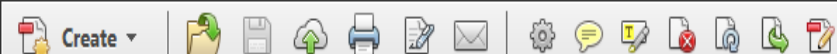
- DNDC: A process-based model of greenhouse gas ...**
2010, Agriculture, Ecosystems & Environment more
- Basic principles of analysing biological and technic...**
2015, Computers and Electronics in Agriculture more
- First 20 years of DNDC (DeNitrification DeComposi...**
2014, Ecological Modelling more

View more articles »

Citing articles (0)

Related book content

Feedback



Ecological Modelling 292 (2014) 51–62

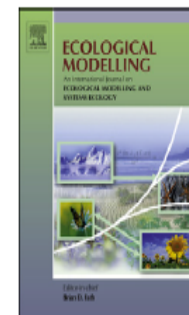


ELSEVIER

Contents lists available at ScienceDirect

Ecological Modelling

journal homepage: www.elsevier.com/locate/ecolmodel



Review

First 20 years of DNDC (DeNitrification DeComposition): Model evolution



Sarah L. Gilhespy^{a,*}, Steven Anthony^b, Laura Cardenas^a, David Chadwick^c,
Agustin del Prado^d, Changsheng Li^e, Thomas Misselbrook^a, Robert M. Rees^f,
William Salas^g, Alberto Sanz-Cobena^h, Pete Smithⁱ, Emma L. Tilston^f,
Cairistiona F.E. Topp^f, Sylvia Vetterⁱ, Jagadeesh B. Yeluripati^{i,j}





The James
Hutton
Institute

- We invite GRA countries to register, submit info & new models and to participate in webinars!
- *Need to consider contributions to site maintenance from GRA partners*

GRAMP team :

- Jagadeesh B. Yeluripati
- Laura Cardenas
- Agustin del Prado
- Bob Rees
- Changsheng Li
- Dave Chadwick
- Emma Tilston
- Kairsty Topp
- Pete Ingraham
- Sarah Gilhespy
- Steven Anthony
- Sylvia H. Vetter
- Tom Misselbrook
- William Salas

