

SEEK - Bug #1720

Create an example Kepler workflow for ENM/GARP calculations

10/21/2004 03:12 PM - Dan Higgins

Status:	Resolved	Start date:	10/21/2004
Priority:	Normal	Due date:	
Assignee:	Dan Higgins	% Done:	0%
Category:	beam	Estimated time:	0.00 hour
Target version:	Unspecified	Spent time:	0.00 hour
Bugzilla-Id:	1720		
Description			
<p>The SEEK BEAM group needs to create a Environmental Niche Model (ENM) workflow for predicting species occurrence distributions using the GARP model (Eventually also other algorithms). This is the top-level task. A number of other distinct tasks, corresponding to Kepler actors, will also be defined.</p> <p>The tasks linked to this bug are a result of interactions in a phone conference held on 20 Oct 2004. See the attached memo.</p> <p>Tasks will be characterized in three major areas, labeled I), II), and III):</p> <p>I) - Creation of known species occurrence data tables (GARP Input)</p> <p>II) - Collection/preparation of data layers to be used to predict species distribution (climate, geography, etc) (GARP Input)</p> <p>III) - Execution of GARP calculations, using results of I) and II) as inputs, creating ruleSets; Use of rulesets to predict occurrence distributions for alternative climate scenarios</p>			
Related issues:			
Is duplicate of Kepler - Bug #1332: GARP improvements and further implemenation		Resolved	02/09/2004
Blocks SEEK - Bug #1721: ENM IA - DiGIR data source modifacation - Table by ...		Resolved	10/21/2004
Blocks SEEK - Bug #1722: ENM IB - Convert DiIGR data source table to GARP in...		Resolved	10/21/2004
Blocks SEEK - Bug #1724: ENM II - Prepare Spatial Layers for GARP layer input		In Progress	10/22/2004
Blocks SEEK - Bug #1737: ENM III - ENM/GARP Calculations		Resolved	10/22/2004
Blocks Kepler - Bug #1338: find GIS system for inclusion in kepler		Resolved	02/09/2004

History

#2 - 01/21/2005 12:09 PM - Chad Berkley

- Bug 1332 has been marked as a duplicate of this bug. ***

#3 - 08/17/2005 01:11 PM - Dan Higgins

Much of this task is completed, at least up to repeated runs for a single species. Numerous workflows related to GARP/ENM are contained in a html file linked to the Kepler startup screen.

#4 - 08/23/2007 02:40 PM - Dan Higgins

Marking this specific bug as fixed in light of the various GARP/ENM workflows and the documentation that now exists.

#5 - 08/23/2007 02:41 PM - Dan Higgins

Marking this specific bug as fixed in light of the various GARP/ENM workflows and the documentation that now exists.

#6 - 03/27/2013 02:18 PM - Redmine Admin

Original Bugzilla ID was 1720

Files

GARPWF10_21_04.txt

5.24 KB

10/21/2004

Dan Higgins