

## SEEK - Bug #1720

### Create an example Kepler workflow for ENM/GARP calculations

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

<b>Status:</b>	Resolved	<b>Start date:</b>	10/21/2004
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Dan Higgins	<b>% Done:</b>	0%
<b>Category:</b>	beam	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Unspecified	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	1720		
<b>Description</b>			
<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>			
<b>Related issues:</b>			
Is duplicate of Kepler - Bug #1332: GARP improvements and further implemenation		<b>Resolved</b>	<b>02/09/2004</b>
Blocks SEEK - Bug #1721: ENM IA - DiGIR data source modifacation - Table by ...		<b>Resolved</b>	<b>10/21/2004</b>
Blocks SEEK - Bug #1722: ENM IB - Convert DiIGR data source table to GARP in...		<b>Resolved</b>	<b>10/21/2004</b>
Blocks SEEK - Bug #1724: ENM II - Prepare Spatial Layers for GARP layer input		<b>In Progress</b>	<b>10/22/2004</b>
Blocks SEEK - Bug #1737: ENM III - ENM/GARP Calculations		<b>Resolved</b>	<b>10/22/2004</b>
Blocks Kepler - Bug #1338: find GIS system for inclusion in kepler		<b>Resolved</b>	<b>02/09/2004</b>

### 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**

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GARPWF10\_21\_04.txt

5.24 KB

10/21/2004

Dan Higgins