Information sheet data inputs for national biodiversity modelling with Globio3 for Brazil

1.	Name and address of Institute:
2.	Please describe in short how your work/institute can support the national modelling with Globio3:

3. Describe in table underneath the contribution in relation to pressure type, region or biome and in terms of cause – effect relationship for the past, present and/or future. In case you need more space for the description please add a page to this information sheet with the description.

Pressure	Biome / Region	Cause – Biodiversity effect			Past			Present	Future
		Models	Validation data	Other	Before 1950	1950-2000	2000-05	2005 - 2009	2010 - 2050
Agriculture:									
-intensive crop									
-ext. crops									
- etc.									
Forestry:									
-no use primary									
-light use									
-secondary									
-plantation									
-perennials and									
woody biofules									
- etc.									
Agro forestry									
Grazing:									
-natural grassl.									
-man made past.									
-extensive gr.									
Urban									
Infrastructure									
Fragmentation									
Nitrogen									
deposition									
Climate change									
Other									

4. In case your institute has spatial data in relation to the input maps needed for the model, please fill in the table underneath

Map theme	Source	Scale /	Date	Projection	Biome/Region	Info
		resolution			/National	
Globio3						
Land use: agri,						
forestry, grazing,						
urban						
Classes with use-						
intensities						
Infrastructure						
Nitrogen deposition						
Critical load N-dep						
Climate						
Nature areas						
Parks						
Current vegetation						
cover						
Potential vegetation						
cover						
Biomes/ecoregion						
Population density						
Administr. Units						
Other						
CLUE						
Rainfall						
Dry period						
Temperature						
Height						
Slope						
Population density						
Population growth						
Cities / markets						
River						
Crop suitability:						
soil fertility, texture,						
depth						
Other maps that have						
a spatial relation with						
a land use class						

5. Scenario information: Spatial or statistical information that relates direct or indirect to the future <u>land area</u> of a land use class.

Туре	Source	Units	2010-2020	2020-2050
Factors				
Economic development				
Crop production (food ,non food)				
Agri-oriented export vs import food &				
fodder, timber & biofuels & cotton etc				
Population growth				
Consumption pattern (ao meat				
consumption)				
Efficiency agriculture (intensive vs				
extensive)				
Efficiency forestry (intensive vs extensive				
Environmental policies				
a .				
Sectors	T			
Agriculture:				
-intensive crop				
-ext. crops				
- etc.				
Forestry:				
-no use primary				
-light use				
-secondary -plantation				
-plantation -perennials and woody biofules				
- etc.				
Agro forestry				
Grazing:				
-natural grassl.				
-man made past.				
-extensive gr.				
Urban				
National Parks/reserves				
Other				