

## Water Resource Management: Research project portfolio for 2007/08

THRUST 2: MANAGEMENT OF NATURAL AND HUMAN-INDUCED IMPACTS ON WATER RESOURCES		
Title (New projects indicated by *)	Contractor	Term
<b>Programme 1: Developing predictive tools and adaptive measures to global climate change</b>		
Secondary impacts on water resources due to primary changes in precipitation and temperature associated with climate change	UCT	01/04/05 – 31/03/08
<b>Programme 2: Human-induced impacts</b>		
Persistent organic pollutants (POPs) in the environment	North-West University	01/04/05 – 31/03/08
Development of a model to assess the costs associated with eutrophication	Umgeni Water	01/04/05 – 31/03/08
Endocrine disruptive chemical (EDC) activity and health effects of identified veterinary compounds in surface and groundwater	UP	01/04/06 – 31/03/08
*Development and testing of a health risk assessment framework to derive guidelines for endocrine disruptors (EDCs) in drinking water	CSIR	1/4/07 – 31/3/09
*A National Survey of Mercury Levels in South African Resources	CSIR	1/4/07 – 31/3/09
*Investigation into the effects of water quality (organic vs. inorganic) on the immune systems of humans	UWC	1/3/07 – 28/2/10
<b>Programme 3: Integrated flood and drought management</b>		
Soil moisture from satellites: daily rainfall maps over RSA, for flash flood forecasting, drought monitoring, catchment management and agriculture	Pegram & Associates	01/04/06 – 31/03/09