

# **Crayfish - View, animate and analyse model outputs in QGIS**

### Introduction

### Crayfish

What is Crayfish?

Supported formats

## Lutra Consulting

- ▶ Core QGIS developers
- ▶ General (GIS) software/web development
- ▶ Hydraulic modelling

## Introduction

### Crayfish

What is Crayfish?

Supported formats

## About Crayfish



- ▶ A C++/python QGIS plugin
- ▶ Reads temporal datasets
- ▶ Supports structured/unstructured mesh

## Supported file formats

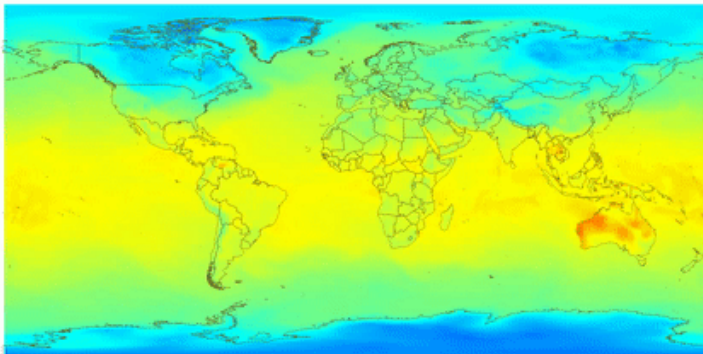
### Hydraulic modelling packages:

- ▶ SMS (Map) Output binary and ASCII (.dat Files)
  - ▶ Hydro\_AS-2D
  - ▶ BASEMENT
  - ▶ TUFLOW
  - ▶ Flood Modeller Pro 2D
- ▶ Selafile files
  - ▶ TELEMAC 2D
- ▶ SWW format
  - ▶ AnuGA
- ▶ HDF format
  - ▶ Hec RAS 2D
  - ▶ TUFLOW (xmdf: based on HDF5)

## Supported file formats

### Others(for used for metereology and oceanography):

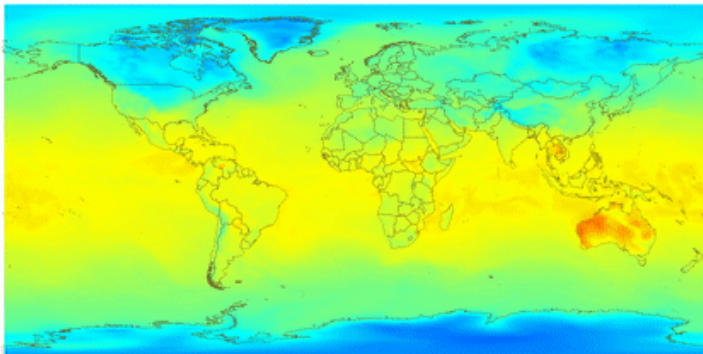
- ▶ NetCDF format
- ▶ Gridded Binary (GRIB)



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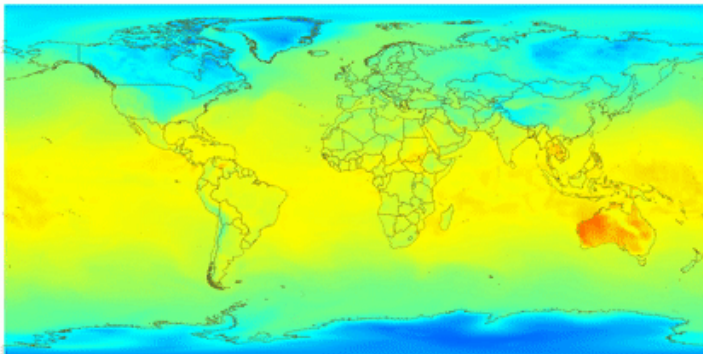




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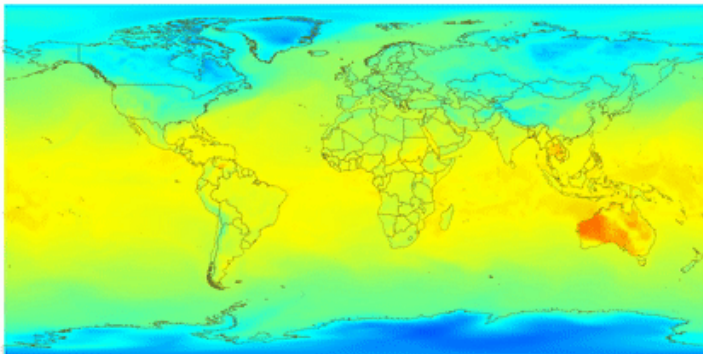
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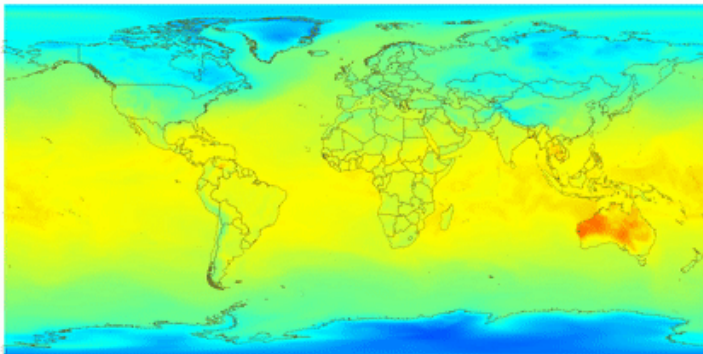
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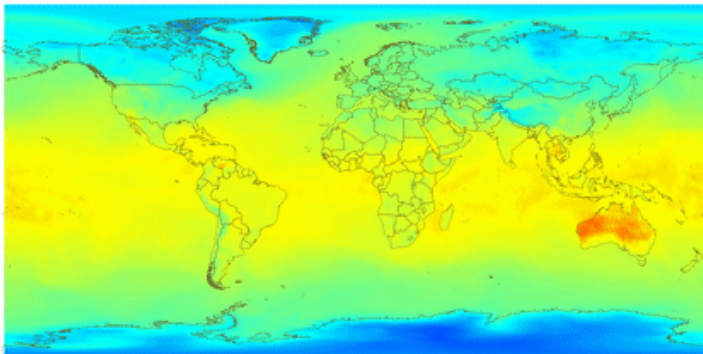
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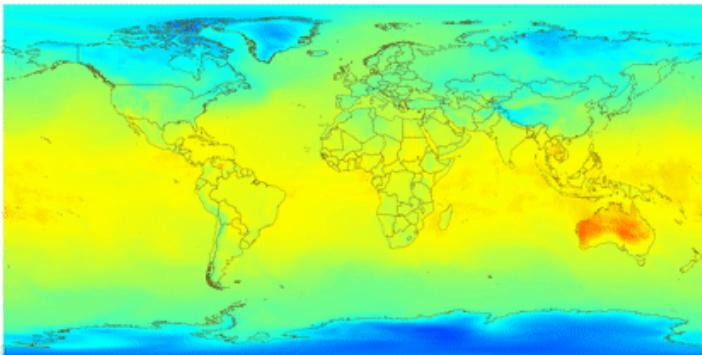
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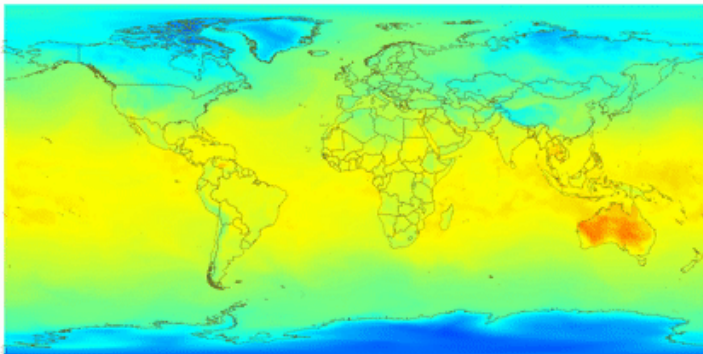
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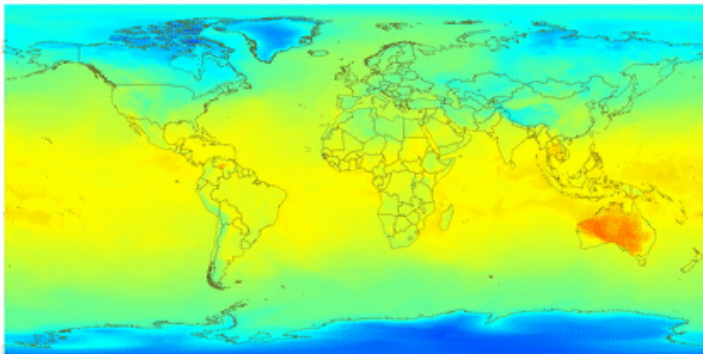
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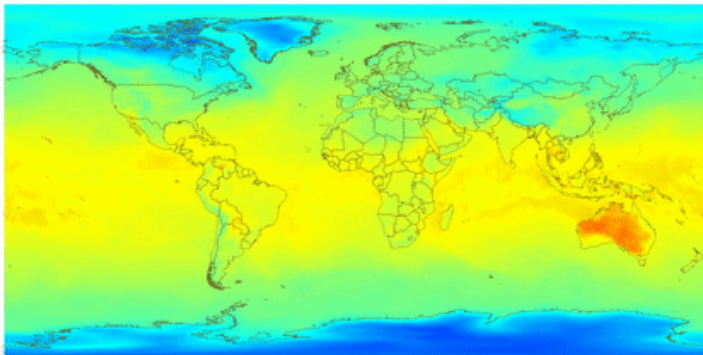
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