

Scientific
Figures

Ken Hughes

Figure formats

Inkscape

Summary

Tools

Dialog boxes

Other tricks

Colour
schemes

Jet/Rainbow

Examples

What not to
do

Improve your Scientific Figures

Ken Hughes

Figure formats

Inkscape

Summary

Tools

Dialog boxes

Other tricks

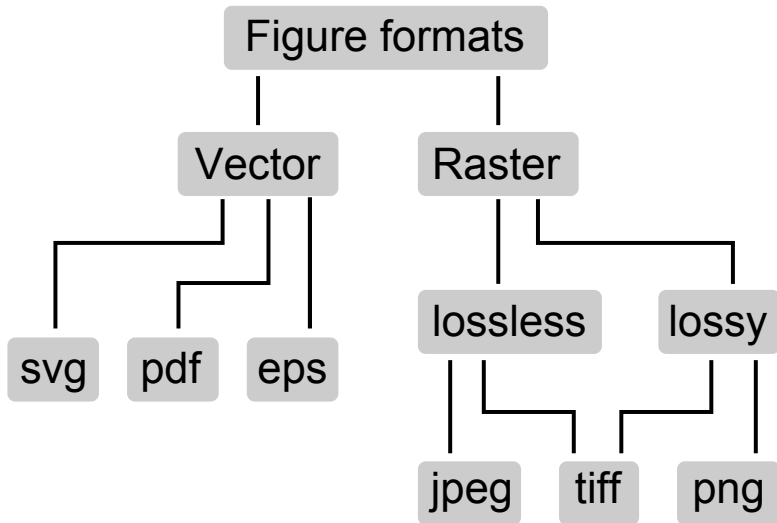
Colour

schemes

Jet/Rainbow

Examples

What not to do



- Free
- Works on Windows, Mac, Linux
- Large community of users (= excellent help on internet)
- New and improved version coming soon

- Free
- Works on Windows, Mac, Linux
- Large community of users (= excellent help on internet)
- New and improved version coming soon

- Free
- Works on Windows, Mac, Linux
- Large community of users (= excellent help on internet)
- New and improved version coming soon

- Free
- Works on Windows, Mac, Linux
- Large community of users (= excellent help on internet)
- New and improved version coming soon

- Select tool
- Node tool
- Polygons
- Lines and curves
- Text
- Eraser
- Paint bucket

- Align and distribute
- Document properties
- Export Bitmap
- Fill and stroke
- Transform

Ken Hughes

Figure formats

Inkscape

Summary

Tools

Dialog boxes

Other tricks

Colour

schemes

Jet/Rainbow

Examples

What not to
do

- Import PDF images
- Crop images
- Paste in place
- Find by colour
- Boolean path operations

Figure formats

Inkscape

Summary

Tools

Dialog boxes

Other tricks

Colour schemes

Jet/Rainbow

Examples

What not to do

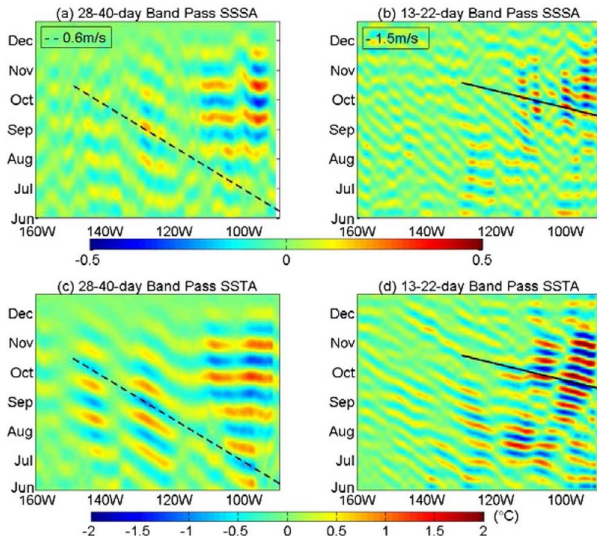


Figure formats

Inkscape

Summary

Tools

Dialog boxes

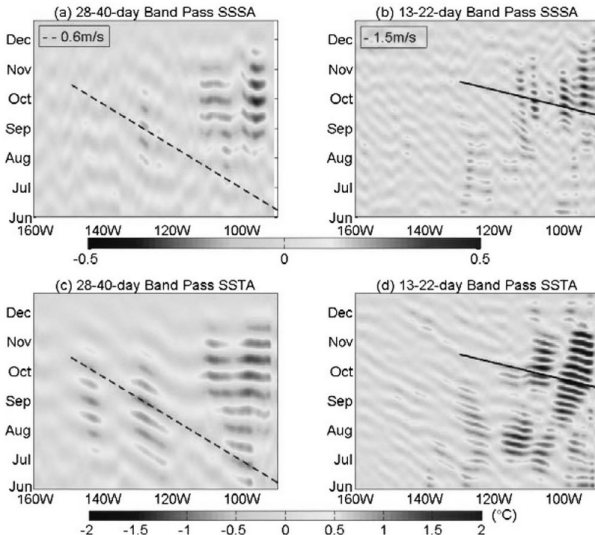
Other tricks

Colour schemes

Jet/Rainbow

Examples

What not to do



Ken Hughes

Figure formats

Inkscape

Summary

Tools

Dialog boxes

Other tricks

Colour
schemes

Jet/Rainbow

Examples

What not to
do

www.rainbowgradients.com

Figure formats

Inkscape

Summary

Tools

Dialog boxes

Other tricks

Colour schemes

Jet/Rainbow

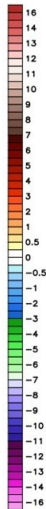
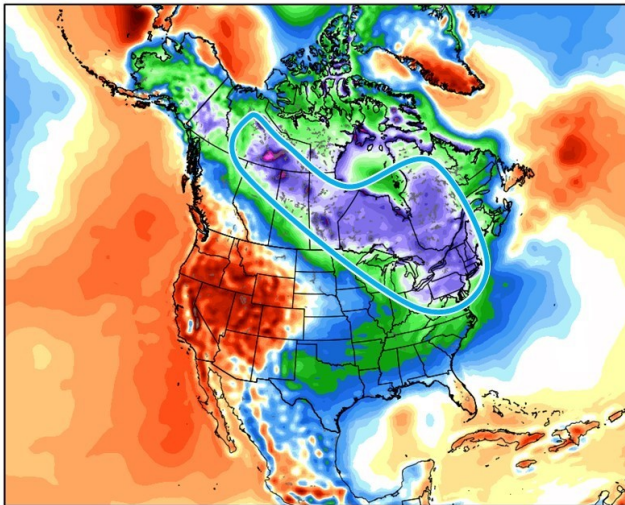
Examples

What not to do

NCEP GEFS Ensemble Mean 5-day Averaged 2-meter Temperature ANOMALY [°C]

Init: [12Z26JAN2015] -- fx: 12Z30JAN2015--12Z04FEB2015

4-9 days



NCEP GEFS Forecast Grid [T252|T190] | NCEP CFSR 1981-2010 Climatology

www.colorbrewer2.org

Ken Hughes

Figure formats

Inkscape

Summary

Tools

Dialog boxes

Other tricks

**Colour
schemes**

Jet/Rainbow

Examples

What not to
do

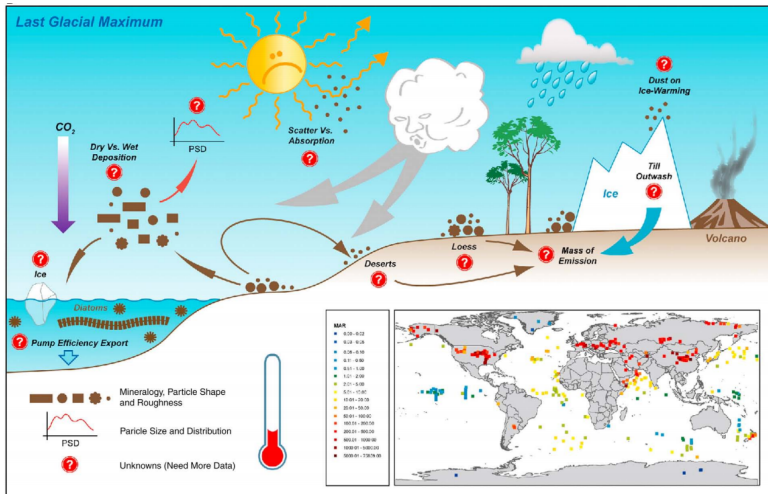


Figure formats

Inkscape

Summary
Tools
Dialog boxes
Other tricks

Colour
schemes
Jet/Rainbow
Examples

What not to do

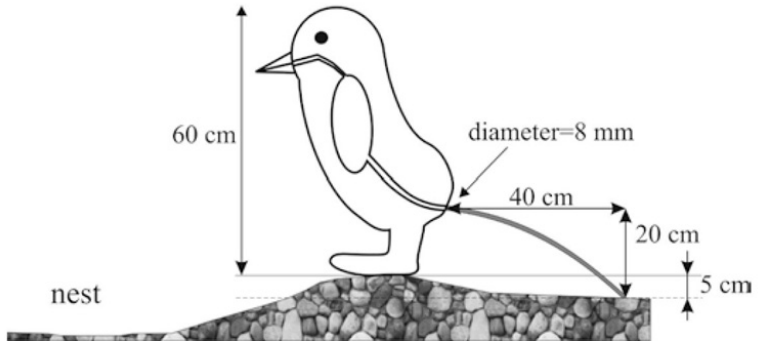


Fig. 1 Position of model penguin during defaecation and physical parameters used to calculate rectal pressure necessary to expel faecal material over a distance of 40 cm