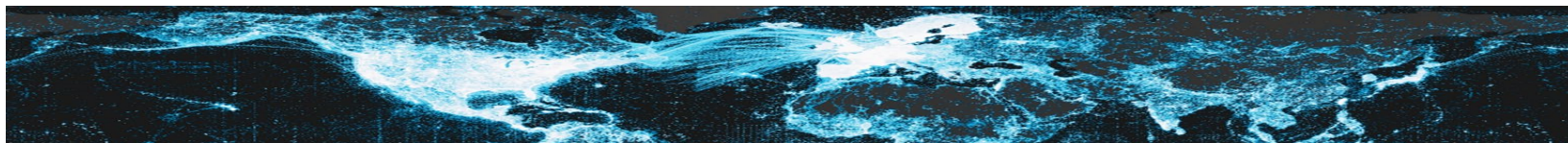
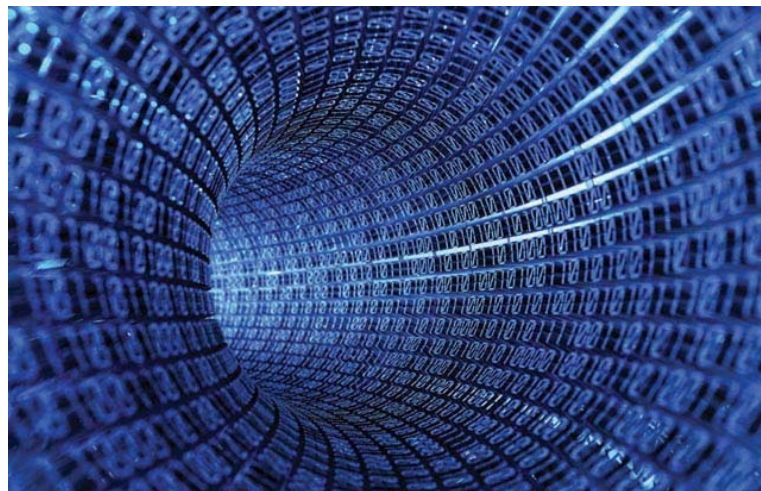
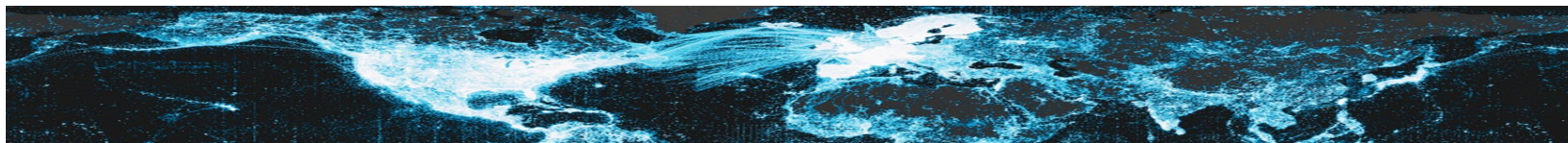


# ALA4R & Mirroreum



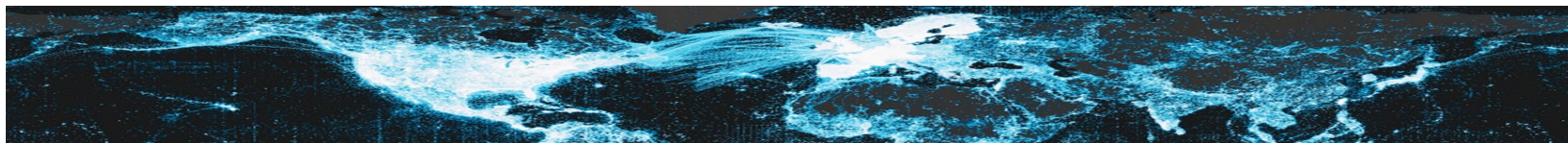
# Web-enabled geospatial analysis

- Reproducible research is being increasingly established within the research community as good practice and involves sharing of data and code, enabling results to be peer-reviewed.
- Rstudio web-version with geospatial functionality connected to living atlas data through R package for programmatic data access from a Living Atlas instance called **ALA4R / livingatlases**
- Can use layers from any geoserver deployments and data from any instance of Living Atlas: <https://github.com/raymondben/livingatlases>



# ALA4R & Mirroreum

- Web-enabled Reproducible Research platform for geospatial analysis of biodiversity data
- A national node can deploy a web-enabled version of RStudio with ALA4R and relevant R packages pre-installed.
- This software bundle can be run using Docker in the cloud or locally and is called "Mirroreum" – delivered from Docker Hub @ <https://hub.docker.com/r/bioatlas/mirroreum>



# ALA4R & Mirroreum

<https://mirroreum.bioatlas.se/auth-sign-in>

<https://github.com/bioatlas/mirroreum>

<https://hub.docker.com/r/bioatlas/mirroreum/>

<https://github.com/atlasoflivingaustralia/ala4r>

[https://cloud.r-  
project.org/web/packages/ALA4R/index.html](https://cloud.r-project.org/web/packages/ALA4R/index.html)

