

Raster Objects

- A contiguous matrix of values (some may be NA) representing either numerical or categorical features.
- Each “cell” has a spatial extent

Rasters *de novo*

```
library(raster)
r <- matrix(runif(10000),nrow=100)
rnd <- raster( r )
rnd
```

```
## class      : RasterLayer
## dimensions  : 100, 100, 10000  (nrow, ncol, ncell)
## resolution  : 0.01, 0.01  (x, y)
## extent     : 0, 1, 0, 1  (xmin, xmax, ymin, ymax)
## coord. ref. : NA
## data source : in memory
## names       : layer
## values      : 1.23342e-05, 0.9999885  (min, max)
```