```r
install.packages("raster", repos = "http://cran.us.r-project.org")
```

```
## Installing package into 'C:/Users/Marcus/Documents/R/win-library/3.3'
## (as 'lib' is unspecified)
```

```
## package 'raster' successfully unpacked and MD5 sums checked
```

```
## Warning:  cannot remove prior installation of package 'raster'
```

```
##
## The downloaded binary packages are in
##  C:\Users\Marcus\AppData\Local\Temp\RtmpMjEdjz\downloaded_packages
```

```r
library(raster)
```

```
## Loading required package:  sp
```

```r
install.packages("cluster", repos = "http://cran.us.r-project.org")
```

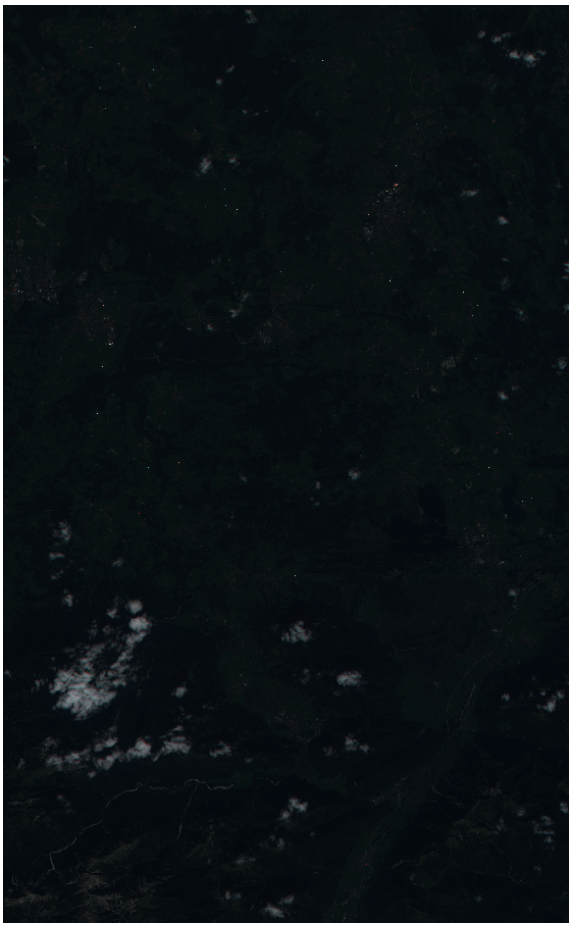
```
## Installing package into 'C:/Users/Marcus/Documents/R/win-library/3.3'
## (as 'lib' is unspecified)
```

```
## package 'cluster' successfully unpacked and MD5 sums checked
```

```
## Warning:  cannot remove prior installation of package 'cluster'
```

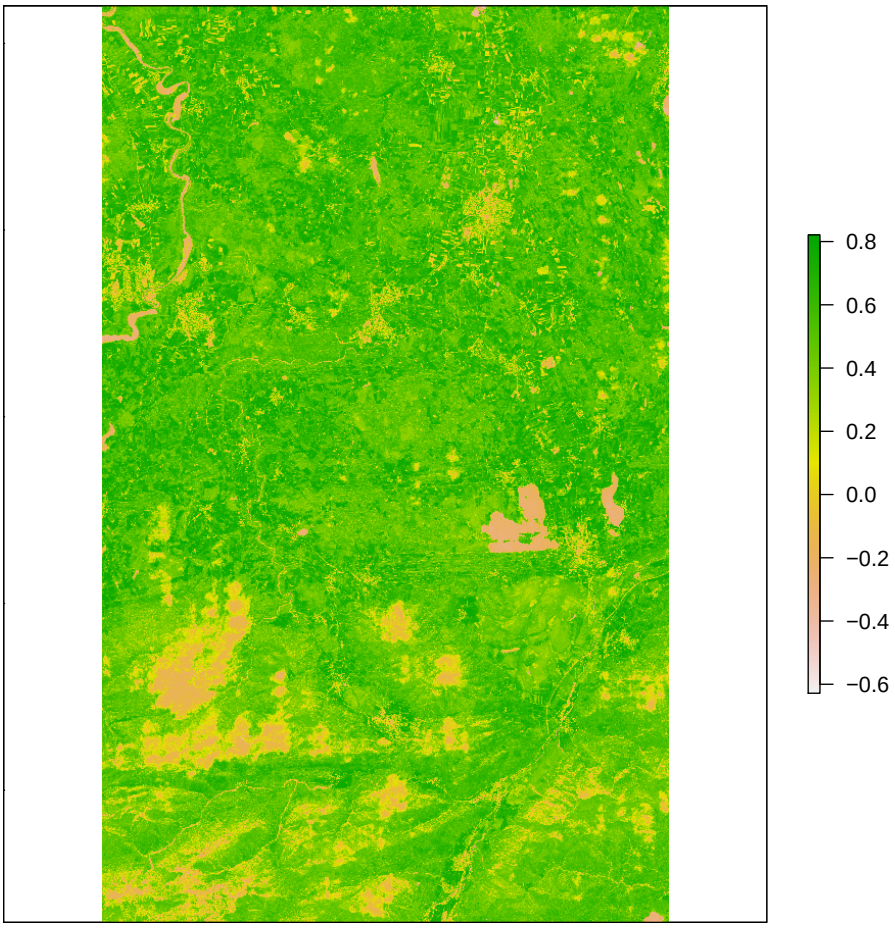
```
##
## The downloaded binary packages are in
##  C:\Users\Marcus\AppData\Local\Temp\RtmpMjEdjz\downloaded_packages
```

```r
library(cluster)

NDVI <- function (NIR,red){
  (NIR-red)/(NIR+red)
}

band3 <- raster("F:/Uni/EAGLE/MB1/01_Data/02_Raster/Landsat-5_Ammersee/LT51930272003195MTI01

allbands  <- brick("F:/Uni/EAGLE/MB1/01_Data/02_Raster/RapidEye_Ammersee/re20110906_ortho_ls

new <- NDVI (allbands[[5]],allbands[[3]])

plotRGB (allbands, 3,2,1)
```



```
plotRGB (allbands, 3,2,1, stretch ="lin")
```

```
plot(new)
```


0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6