

Initial conditions issue

```
library(terra)
library(raster)
```

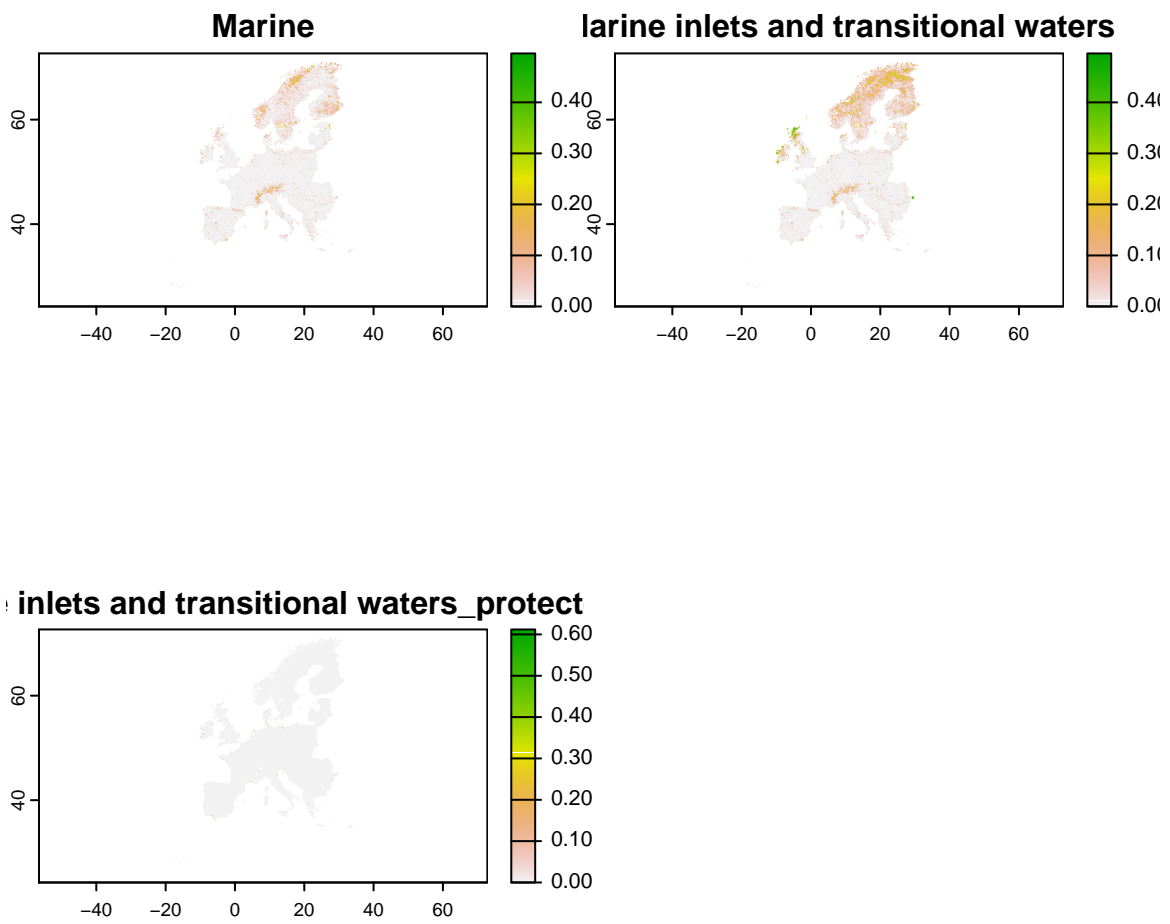
Most recent version

This is the most updated version of the IC I was given to use in August:

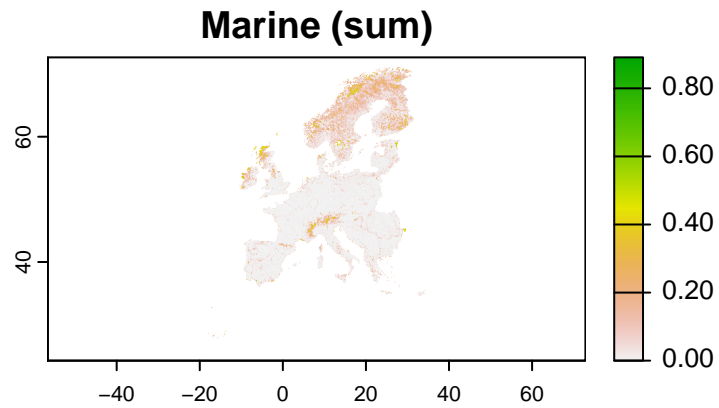
```
globiom_lc <- rast(
  "../data/initial_lc_globiom/Protection_augmented_ETL2_shares_August_2023.tif")
```

You can see that the marine layers are not where we'd expect...

```
plot(globiom_lc['Marine'])
```

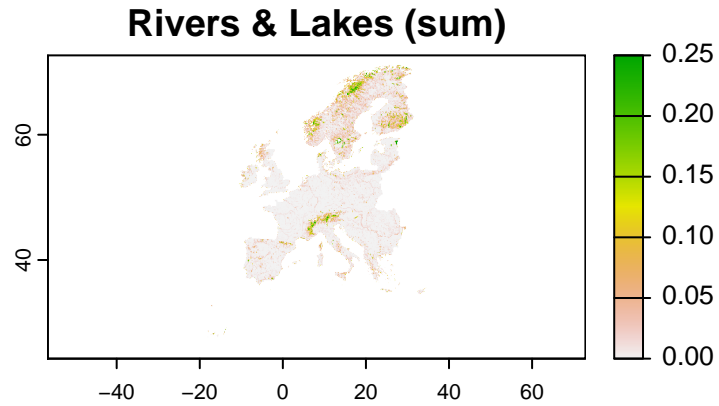


```
plot(sum(globiom_lc['Marine']), main = "Marine (sum)")
```



And look super similar to the rivers & lakes?

```
plot(sum(globiom_lc['Rivers']), main = "Rivers & Lakes (sum)")
```



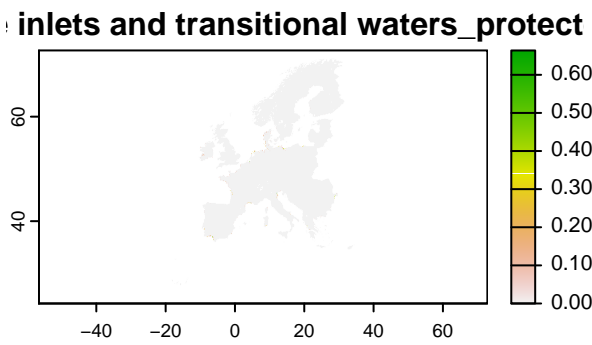
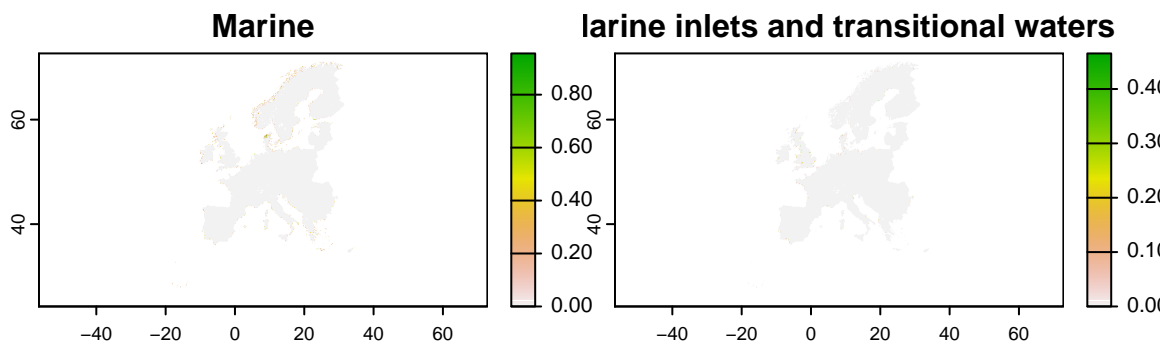
Previous version

Previous version I was using didn't have the issue –

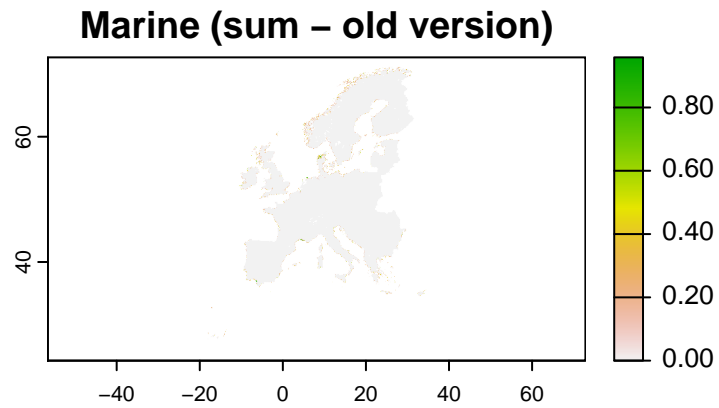
```
globiom_lc_old <- rast(  
  "../data/initial_lc_globiom/5arcmin_augmented_ETL2_wprotection_shares 2.tif")
```

Marine was where we would expect

```
plot(globiom_lc_old['Marine'])
```



```
plot(sum(globiom_lc_old['Marine']),main = "Marine (sum - old version)")
```



As were the rivers and lakes

```
plot(sum(globiom_lc_old['Rivers']), main = "Rivers & Lakes (sum - old version)")
```

Rivers & Lakes (sum – old version)

