latlong2region

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latlo	ong2region	Match coordinates to regions in a shapefile.	_

Description

Match coordinates to regions in a shapefile. Also includes the possibility to find the region a point is closest to if, for example, the point is the water.

Usage

```
latlong2region(p, shp, closest = TRUE)
```

Arguments

р	Longitudes and latitudes of points. Can be a vector of two points or a matrix or data.frame of 2 columns (first is longitude, second is latitude). Can also be a SpatialPoints object.
shp	The SpatialPolygonDataFrame to match to.
closest	Whether to find the closest region for points that don't fall in any region in shp. Default is TRUE. This step can be slow for large shapefiles.

Value

Returns a data. frame with p and the corresponding elements in shp.

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