

Package ‘srn’

October 29, 2018

Title Sub-Regional Nexus Modeling Tool

Version 0.0.1

Description Package to process water-energy-land nexus data to different sub-regional levels.

Depends R (≥ 3.4.3)

License What license is it under?

Encoding UTF-8

LazyData true

Suggests knitr, rmarkdown

RoxygenNote 6.1.0

Imports RColorBrewer

VignetteBuilder knitr

R topics documented:

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srn	<i>srn: Sub-Regional nexus Package</i>
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Description

The SRN package provides

SRN functions

The SRN functions ...

`srn.colors`*srn.colors*

Description

This function loads various color palettes used previously in GCAM as well as new palettes for SRN modeling to the global environment

Usage

```
srn.colors()
```

Details

List of Color Palettes Once `srn.colors` has been called all the following colors palettes are added to the global environment. Each can be called to see the colors and associated levels.

- `cbPalette`
- `elec_tech_colors`
- `elec_renew_colors`
- `building_colors`
- `trn_fuel_colors`
- `enduse_fuel_numbered`
- `enduse_colors`
- `PAL_pri_ene`
- `PAL_pri_fuelcost`
- `PAL_emiss_sector`
- `PAL_landuse`
- `PAL_hydrogen`
- `PAL_refliq`
- `emiss_by_enduse_colors`
- `biouse_colors`
- `colorsX_Basic`
- `colorsX_Gas`
- `colorsX_Diff`
- `colorsX_Diff5`
- `colorsX_Absolute`
- `colorsX_Absolute5`
- `colorsX_Unassigned`
- `colorsX_elec_subsec`
- `colorsX_elec_finalNrgFuel`
- `colorsX_elec_techs`
- `colorsX_elec_sec`
- `colorsX_finalNrg_sec`
- `colorsX_PAL_pri_ene`
- `colorsX_elec_tech_colors`

Examples

```
srn.colors()  
pie(rep(1,length(colorsX_Basic)),label=names(colorsX_Basic),col=colorsX_Basic)
```

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