



Laboratoire
d'écologie
intégrative | Integrative
Ecology
Lab [IE]

Title of my talk template

My talk subtitle

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+ Collaborators

 WillVieira/talkTemplate

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Introduction

- How to setup
- Content
- `xaringanExtra` extensions
- JS libraries

How to use it?

Workflow

It is recommended to install all (R packages) dependencies:

```
make install
```

If you use other R packages for your presentation, add them to the `requeriments.yml` file

Once dependencies are solved, you can server your presentation on local to be automatically updated while editing:

```
make server
```

Finally, publish your final `html` presentation with:

```
make
```

Content

Sections

Slides are separated by ---:

```
---  
# My slide title  
Content here  
---
```

Title sections, like the previous slide, needs to specify the following classes:

```
---  
class: middle, center, inverse  
# Title of my section  
<hr width="100%" align="left" size="0.3" color="orange"></hr>  
---
```

You can use one of these classes in any slide if you want to:

- Vertical center the content (`middle`)
- Horizontal center the content (`center`)
- Or inverse the background and text colours (`inverse`)

Tables

You can simply insert a markdown table:



Tables	Are	Cool
col 1 is	left-aligned	\$1600
col 2 is	centered	\$12
col 3 is	right-aligned	\$1

Or you can use the `DT` R package for dynamic tables:

```
DT::datatable(head(cars))
```

Show **10** entries

Search:

	speed 	dist 
1	4	2
2	4	10
3	7	4
4	7	22
5	8	16
6	9	10

Showing 1 to 6 of 6 entries

Previous

1

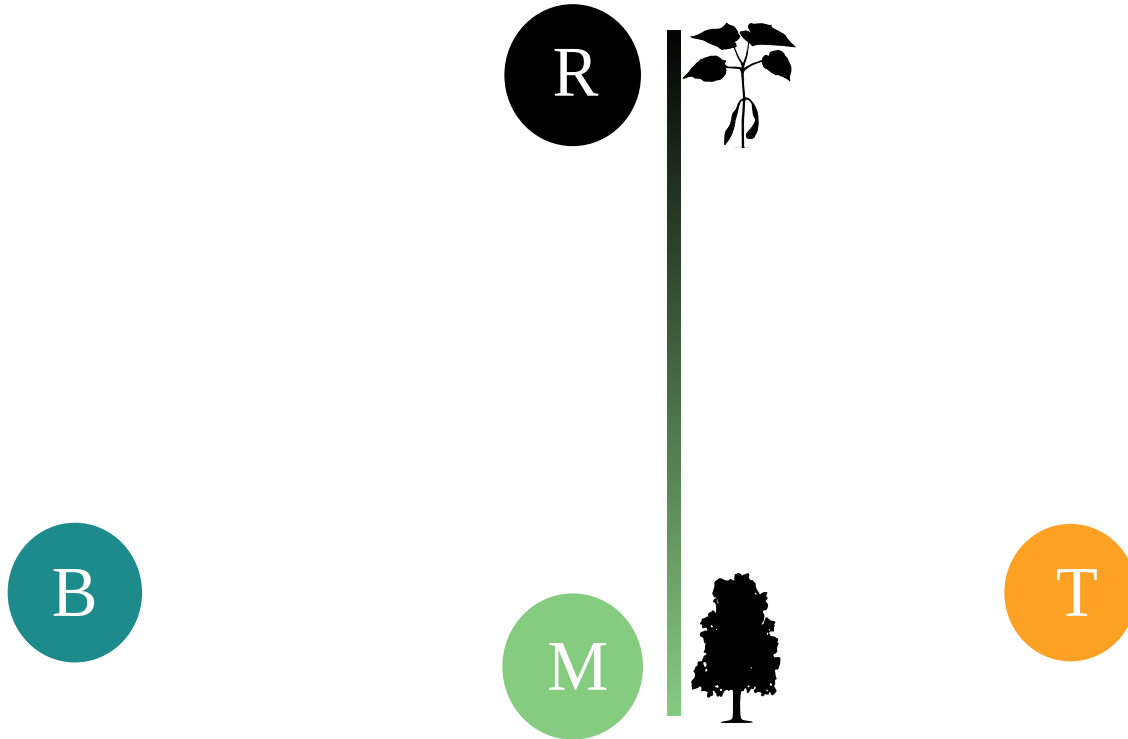
Next

Figures

Insert an image:

```

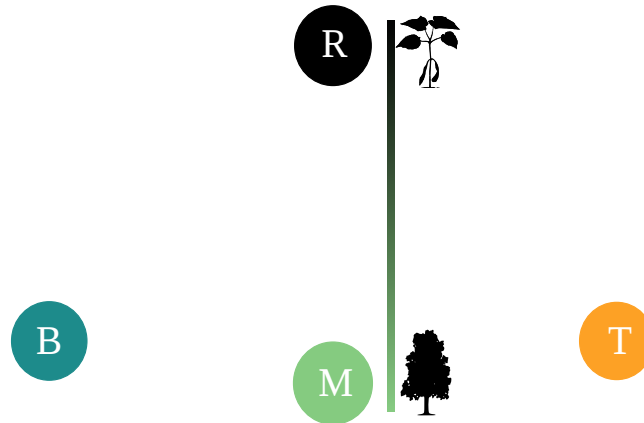
```



Figures

Scale the size of an image:

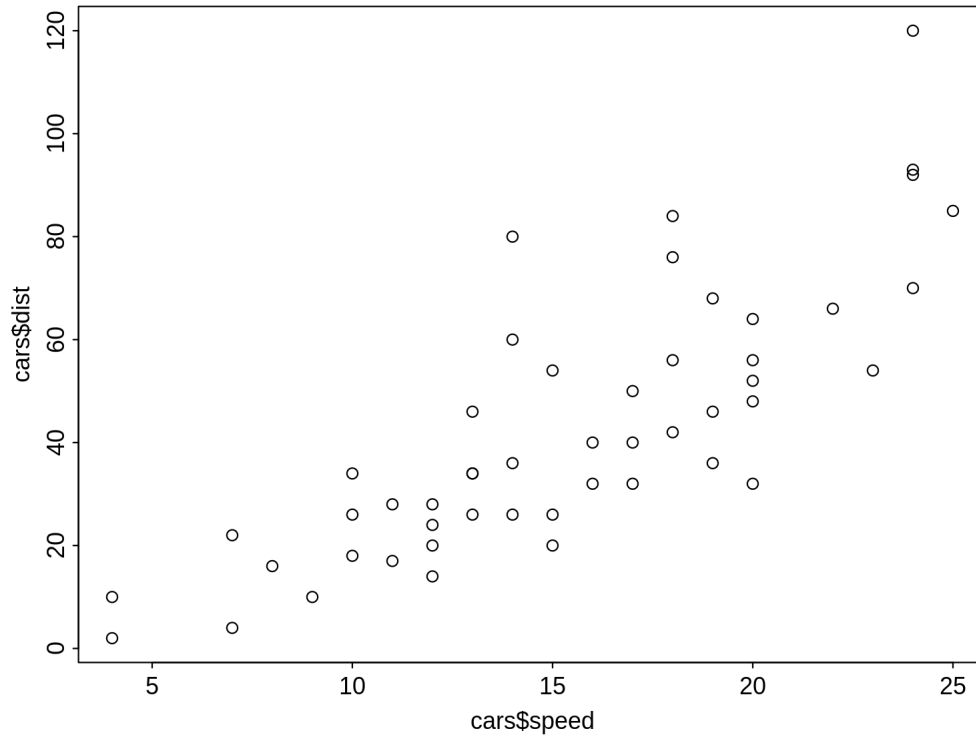
```
![:scale 60%](images/model1.svg)
```



Figures

Or simply code it:

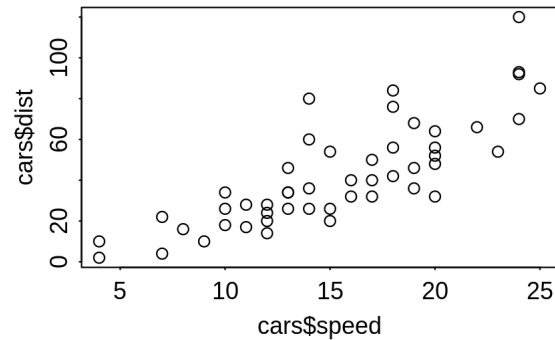
```
plot(cars$speed, cars$dist)
```



Figures

Use the code chunk options to change the size of a plot :

```
```{r, fig.width = 4, fig.height = 2.5}  
plot(cars$speed, cars$dist)
```
```



You can check a full list of chunk options [here](#)

Columns

50/50 columns can be created with:

```
.pull-left[
  Content 1
]
.pull-right[
  content 2
]
```

For left larger columns:

```
.pull-left1[
  Content 1
]
.pull-right1[
  content 2
]
```

Or right larger columns:

```
.pull-left2[
  Content 1
]
.pull-right2[
  content 2
]
```

Text position

Instead of using columns, you can define the content position with:

Left aligned

```
.left[text here]
```

Center aligned

```
.left[text here]
```

Right aligned

```
.left[text here]
```

Text size

And also text size:

```
.fontX[  
    Content here  
]
```

Where x can be anything between 10 (very small) and 200 (HUGE) by an increment of 10:

```
print(seq(10, 200, 10))  
# [1] 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190  
# [20] 200
```

Animation

Using -- between lines

- you
- can
- animate

Math

L^AT_EX math expressions can be written between $\$$:

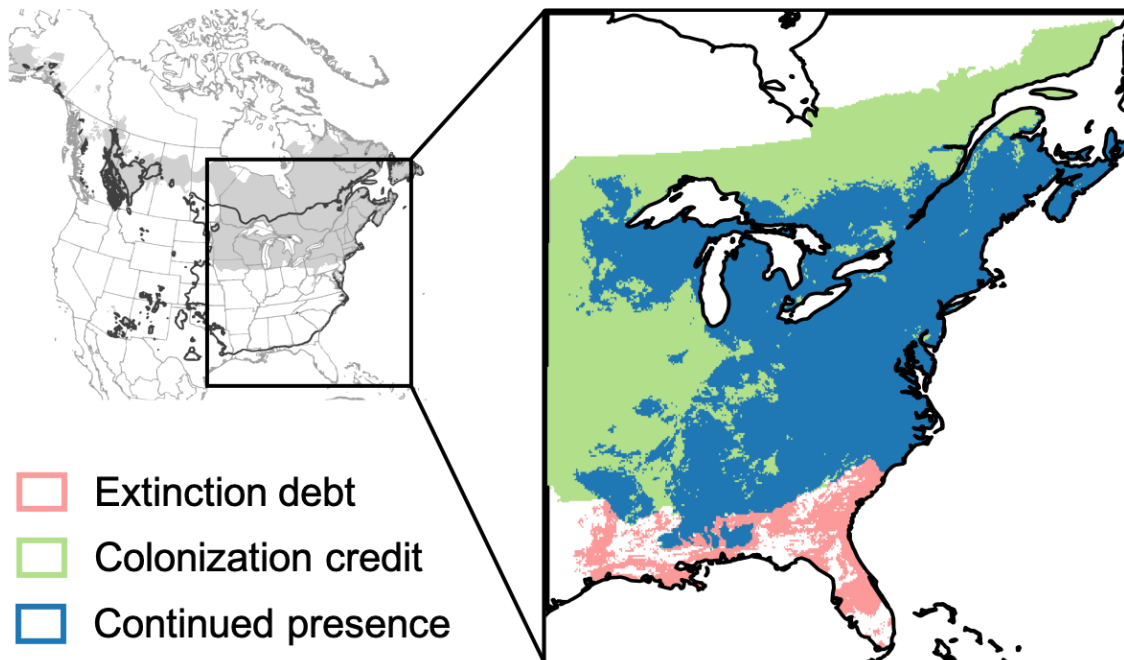
```
 $\$$   
 $\backslash\mathrm{bar}\{X\}=\backslash\mathrm{frac}\{1\}\{n\}\backslash\mathrm{sum\_}\{i=1\}^nX\_i$   
 $\$$ 
```

$$\bar{X} = \frac{1}{n} \sum_{i=1}^n X_i$$

Citation

This macro is just to easily insert text on the bottom of the slide:

```
.cite[Talluto et al. [2017](https://link) Nat. Ecol. Evol.]
```



Icons

You can use both [Font awesome](#) and [Academicons](#) icons

Font awesome icons (faic)

```
![:faic](pagelines)
```



Academic icons (acid)

```
![:acic](orcid)
```



You can also adjust their size with the following argument:

```
![:faic 2](pagelines)
```



{xaringanExtra}

{xaringanExtra}

This awesome R package provides enhancements for xaringan such as

- Add an overview of your presentation with tile view
- Make your slides editable
- Announce slide changes with a subtle tone
- Animate slide transitions with animate.css
- Add tabbed panels to slides with panelset
- Add a logo to all of your slides with logo
- Use the Tachyons CSS utility toolkit
- Add a live video feed of your webcam
- Fit your slides to fill the browser window
- Add extra CSS styles

Take a look in their full documentation [here](#)

I added some examples in the following slides...

{xaringanExtra} tile view

Press the letter "o" 🙄

{xaringanExtra} Editable slides

Just use the following class:

```
.can-edit[ ... ]
```

What do you think?

-

{xaringanExtra} Panelset

Code

Plot

How?

```
x = rnorm(100, 10, 4)
y = rnorm(100, 2, 1)
```

libraries

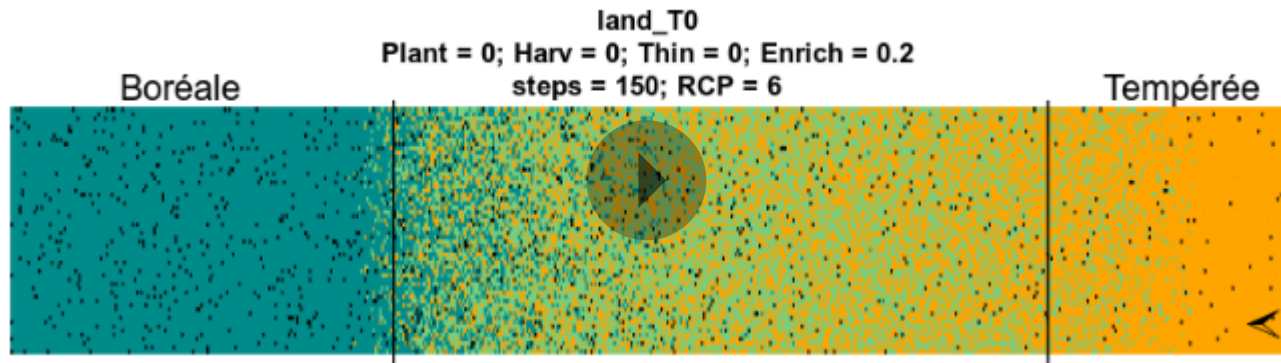
Giffer

Giffer prevents the autoplaying of the animated Gifs

Instead of adding a gif with the same syntax of an image (which plays automatically), you can use the `giffer` JS macro:

```
![:giffer 80%](images/RCP6_enrich.gif)
```

Where 80% is the width of the gif



More ressources

You can check the `xaringan` presentation (which this template relies on):

<https://slides.yihui.org/xaringan/#1>

And also check all `remark.js` functionalities available in this template:

<https://remarkjs.com/#1>

Key message here

BIOS²



QUEBEC CENTRE
FOR BIODIVERSITY
SCIENCE

QUICC FOR

Quantifying and mapping the impact of climate
change on forest productivity in Eastern Canada



**NSERC
CRSNG**

Canada

Natural Resources Canada
Canadian Forest Service

Special thanks to

Nice people