



University  
of Manitoba

Clayton H. Riddell Faculty of  
Environment, Earth, and Resources

# Data Science with R for Environmental Research

## ENVR 4000 or GEOG 7010

Fall 2020 term

2:30 pm - 5:25 pm Tuesday

R is an incredible tool that has become a staple of many careers in STEM, however most of us learn R either as a rushed add-on to stats courses or via google. In this course – Not a stats course – you will be guided through the practical and efficient day-to-day use of R, so that whatever it is that you need it for, your work is reproducible, easy to share, and easy for you to edit in the future.

For more information or  
permission to register,  
please contact:

Dr. Jose Luis Rodriguez Gil  
[jose.rodriguezgil@umanitoba.ca](mailto:jose.rodriguezgil@umanitoba.ca)

```
97 theme_bw() +  
98 # scale_light() +  
99 scale_x_datetime(limits = limits, expand =  
100 scale_y_continuous(name = "Total hourly precipit  
101 labs(title = "ECCC Station") +  
102 theme(panel.border = element_rect(colour = "bla  
103 axis.text.x = element_text(angle = 45, h  
104 axis.text.y = element_text(size = 7),  
105 axis.title.y = element_text(size = 7),  
106 axis.title.x = element_blank())  
107 precip_ela_plot / precip_eccc_plot # lets compare th  
108 Evaporation pan  
109 oration_pan %>% ggplot() +  
110 geom_col(aes(x = date, y = pan_va  
111 vline(xintercept
```