

# The mgcv package as a one-stop-shop for fitting non-linear ecological models

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Good morning!

# Who is this guy?

- (mostly) Cetacean distribution modelling
- Spatial modelling (esp. model checking)
- Distance sampling [distancesampling.org](https://distancesampling.org)
- Statistical software (Distance, mrds, dsm)
- Not a biologist/ecologist (not even really a statistician)

Who are you?

What is the structure of the day?

# Timing

- 8am to 5pm
- Morning session: 9am-12pm
- Aternoon session: 1pm-5pm

# (Approximate) schedule

Time	Thing
0900-0915	Intro

# Credits

- Course based on one given at ESA 2016
  - Eric Pedersen, UWisc, now DFO
  - Gavin Simpson, U Regina
- Using many of the materials from that course



Course website

[converged.yt/mgcv-workshop](https://converged.yt/mgcv-workshop)