

# Dr Alope Phatak



Dr Alope Phatak

Training Centre  
Associate Director

## Theme 2

Alope is an engineer-turned-applied statistician. He started his professional career in rocket science but then discovered statistics. He spent more than 20 years at CSIRO, where he carried out research in applied statistics; worked with a wide range of industries and in diverse areas such as industrial statistics, biomarker discovery, and climate extremes; and developed short courses for practicing engineers and scientists. At Curtin, he led the development of the undergraduate Data Science major and is currently Associate Director of the Centre.

Alope is an advocate of the sensible use of statistics for answering real-world problems, so he's happy to help with anything!

Website

## Publications

- [Informative Bayesian Survival Analysis to Handle Heavy Censoring in Lifetime Data \(...\)](#) —

### Conference Publishing

[Ryan Leadbetter](#)

**Authors: Ryan Leadbetter; Alope Phatak; Adriano Polpo; Melinda Hodkiewicz**

2021-12-15

- [Building employability capabilities in data science students: An interdisciplinary, industry-focused approach \(...\)](#) —

### Journal Article

[Dr Alope Phatak](#)

**Authors: Sonia Ferns, Alope Phatak, Susan Benson, Nina Kumagai**

2021-06-25

- [Optimal Thresholding of Predictors in Mineral Prospectivity Analysis \(...\)](#) —

### Journal Article

[Dr Alope Phatak](#)

**Authors: Adrian Baddeley, Warick Brown, Robin K. Milne, Gopalan Nair, Suman Rakshit, Tom Lawrence, Alope Phatak, and Shih Ching Fu**

2020-11-11

- [Evaluating the Accuracy of Bluetooth-Based Travel Time on Arterial Roads: A Case Study of Perth, Western Australia \(...\)](#) —

### Journal Article

[Dr Alope Phatak](#)

**Authors: Liu, Y., Xia, J., & Phatak, A.**

2020-02-21

- [Stillbirth risk prediction using machine learning for a large cohort of births from Western Australia, 1980–2015 \(...\)](#) —

### Journal Article

[Dr Alope Phatak](#)

**Authors: Malacova, E., Tippaya, S., Bailey, H.D. et al.**

2020-03-24

## Presentations

- [Conversational Data Analysis using ChatGPT \(...\)](#) —



[Dr Alope Phatak](#)

Training Centre Associate Director

### Theme 2

2024-02-07

- [Complex Data Requires Creative Solutions \(...\)](#) —



[Dr Alope Phatak](#)

Training Centre Associate Director

### Theme 2

2023-06-09

- [Interdisciplinary, industry-based work-integrated learning \(WIL\): Transformative educational experiences for students, teachers and industry partners \(...\)](#) —



[Dr Alope Phatak](#)

Training Centre Associate Director

### Theme 2

2021-09-30

- [Building employability capabilities in data science students: An interdisciplinary, industry-focussed approach \(...\)](#) —



[Dr Alope Phatak](#)

Training Centre Associate Director

### Theme 2

2021-07-09

---

## Awards and Prizes

### Content by label

There is no content with the specified labels

---

# Tools

## Content by label

There is no content with the specified labels