

# André Seiji Sunahara

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Maringá, Paraná, Brazil

## Research interests

complex systems, science of science, epidemiology, data visualization

## Education

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|----------------|--|
| 2020 – Present | <b>State University of Maringá</b> – Maringá, Brazil<br>Ph.D. in Physics<br>Mentor: Haroldo V. Ribeiro       |
| 2018 – 2020    | <b>State University of Maringá</b> – Maringá, Brazil<br>M.Sc. in Physics<br>Mentor: Haroldo V. Ribeiro       |
| 2015 – 2018    | <b>State University of Maringá</b> – Maringá, Brazil<br>B.Sc. in Physics<br>Mentor: Breno Ferraz de Oliveira |
| 2014 – 2015    | <b>Nagoya University</b> – Nagoya, Japan<br>Exchange student in Physics<br>Mentor: Ichiro Terasaki           |

## Publications

- 2023    **Complexity of the COVID-19 pandemic in Maringá**  
Andre S. Sunahara, Arthur A. B. Pessa, Matjaž Perc, Haroldo V. Ribeiro.  
[Scientific Reports 13, 12695 \(2023\)](#).
- 2021    **Association between productivity and journal impact across disciplines and career age**  
Andre S. Sunahara, Matjaž Perc, Haroldo V. Ribeiro.  
[Physical Review Research 3, 033158](#).
- 2020    **City size and the spreading of COVID-19 in Brazil**  
Haroldo V. Ribeiro, Andre S. Sunahara, Jack Sutton, Matjaž Perc, Quentin S. Hanley.  
[PLOS ONE 15, e0239699](#).

## Technical skills

### Programming languages

Python

### Software and packages

LaTeX, git, d3.js, matplotlib, hugo

### Languages

TOEFL ITP - 2021/02 - Score: 647/677 (C1)

Nouryouku Shiken (N5) - 2013/01

Kanji Kentei (10) - 2013/07