

# Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

## VORTEX

RRID:SCR\_019280

Type: Tool

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### Proper Citation

VORTEX (RRID:SCR\_019280)

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### Resource Information

**URL:** <https://scti.tools/vortex/>

**Proper Citation:** VORTEX (RRID:SCR\_019280)

**Description:** Software tool to model population dynamics as discrete, sequential events that occur according to probabilities that are random variables following user-specified distributions. Simulation of deterministic forces as well as demographic, environmental and genetic stochastic events on wildlife populations. Can model many of extinction vortices that can threaten persistence of small populations.

**Resource Type:** software application, simulation software, software resource

**Keywords:** Deterministic forces simulation, population dynamics model, discrete events, sequential events, random variables, user specified distributions, SCTI

**Availability:** Free, Available for download, Freely available

**Resource Name:** VORTEX

**Resource ID:** SCR\_019280

**Record Creation Time:** 20220129T080344+0000

**Record Last Update:** 20260728T043559+0000

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### Ratings and Alerts

No rating or validation information has been found for VORTEX.

No alerts have been found for VORTEX.

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### Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [SPARC SAWG](#) .

Hennings V, et al. (2022) The presence of serum anti-SARS-CoV-2 IgA appears to protect primary health care workers from COVID-19. European journal of immunology, 52(5), 800.

Accorsi A, et al. (2021) Image3C, a multimodal image-based and label-independent integrative method for single-cell analysis. eLife, 10.

Ross AK, et al. (2021) Headstarting as a cost-effective conservation strategy for an endangered mammal. Current biology : CB, 31(10), R465.