



Hochschule für Angewandte Wissenschaften Hamburg  
*Hamburg University of Applied Sciences*

**AIRCRAFT DESIGN AND SYSTEMS GROUP (AERO)**

**The Continuous Special Issue  
"Aircraft Design"  
of the Open Access Journal  
"Aerospace" at MDPI**

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<https://doi.org/10.5281/zenodo.4159133>

**EWADE 2020** - 15th European Workshop on Aircraft Design Education

**READ 2020** - Research and Education in Aircraft Design

**Online, 21<sup>st</sup> and 22<sup>nd</sup> October 2020**



The Continuous Special Issue "Aircraft Design" of the Open Access Journal "Aerospace" at MDPI

## "Aircraft Design" our "Journal"

**Purpose** – Establish a "journal" for the aircraft design community.

**Approach** – Aircraft design is too small as a topic for a journal. Use a continuous Special Issue i.e. **only a subset of a journal**. Follow the Open Access publishing model that can live already on a low number of papers annually.

**Findings** – The **well established publisher MDPI** published already one Special Issue "Aircraft Design" in "Aerospace" (ISSN 2226-4310) and was willing to follow the approach. The journal has a CiteScore (2019) of 2.6 from **Scopus** and is part of the Emerging Sources Citation Index - **Web of Science** (Clarivate Analytics).

**Tradition** – The **tradition** of the journal Aircraft Design at Elsevier (ISSN: 1369-8869) which was published from 1998 to 2001 with **Prof. Egbert Torenbeek** and **Prof. Dr. Jan Roskam** as Editors is continued.

**Limitations** – **Article Processing Charges (APC)** have to be paid. A **large discount is available for authors from EWADE/SCAD and READ**. Further discounts are granted based on reviews.

**Originality and Value** – This is the only "journal" fully dedicated to aircraft design.

## The Continuous Special Issue "Aircraft Design" of the Open Access Journal "Aerospace" at MDPI

<http://journal.AircraftDesign.org>

Aerospace (ISSN 2226-4310) - An Open Access Journal

with [Special Issue](#)

### Aircraft Design

Usually special issues of a journal are introduced for "hot topics" and are titled as such. The idea is here, to use the subset "Special Issue" of the journal "Aerospace" at MDPI for a specialized scientific domain - Aircraft Design.

**Closing Date:** The current special issue (SI-2/2020) has a closing date of 31 December 2020.

**Keywords:** aircraft, design, OAD, configuration, requirements, payload, range, certification, safety, constraints, objectives, synthesis, optimization, aerodynamics, drag, high-lift, structure, mass, performance, stability, control, aeroelasticity, engine, systems, operating costs, DOC, passenger, cabin, ticket, price, environment, profit, asset, wing, fuselage, tail, undercarriage, landing gear, engine, systems.

**Paper Type and Content:** In addition to original research articles also review papers, letters or communications, technical reports, and extended version of conference papers are accepted. An interest exists also in aircraft design education.

**High Visibility:** Papers will be visible [Open Access](#) at the journal "Aerospace" and also alongside the Special Issue "Aircraft Design" as soon as they are ready. The journal "Aerospace" is covered by many [databases and archives](#) including [Web of Science](#) (Clarivate Analytics) and [Scopus](#) (Elsevier).

**Rapid Publication:** Manuscripts at the journal "Aerospace" are peer-reviewed and a first decision provided to authors approximately 18 days after submission; acceptance to publication is undertaken in 6.3 days. Once accepted, the manuscripts undergo professional copy-editing, proofreading by the authors, final corrections, and publication on the [www.mdpi.com](http://www.mdpi.com) website.

**Tradition:** The current Special Issue [Aircraft Design \(SI-2/2020\)](#) follows the Special Issue [Aircraft Design \(SI-1/2017\)](#) and continues the tradition of the journal [Aircraft Design](#) (ISSN: 1369-8869), which Prof. Egbert Torenbeek had started together with Prof. Dr. Jan Roskam as Editors at Elsevier in 1998. The subscription-based publishing model proved inadequate to serve the rather small aircraft design community. For this reason, the Elsevier title had to be [discontinued in 2002](#). This pitfall is avoided with the [Open Access](#) publishing model used by MDPI for all its journals including this Special Issue.

**Article Processing Charges (APC):** 1000 CHF. A 30% discount applies for authors from EWADE / SCAD / TCAD (1). Reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to an additional discount on the APC of their next publication. This means APC can be reduced to a bearable amount, which is usually acceptable to the author's institution.

Guest Editor Prof. Dr. Dieter Scholz



[Website](#) [E-Mail](#)

Honorary Guest Editor Prof. em. Egbert Torenbeek



[Website](#)



## Special Issue Editors

Dieter Scholz



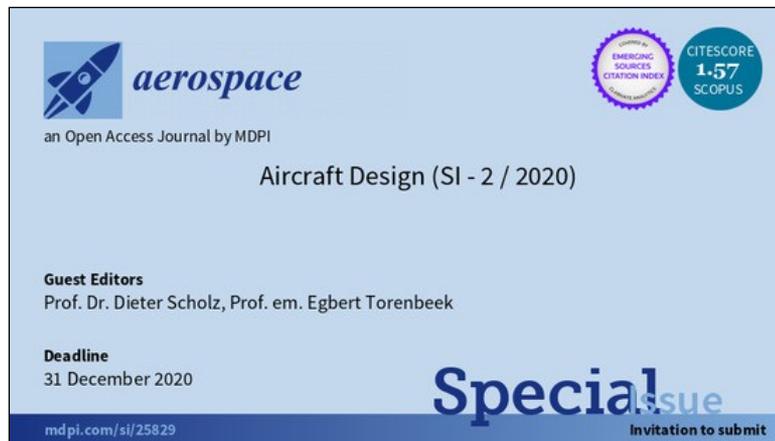
Egbert Torenbeek



## The Continuous Special Issue "Aircraft Design" of the Open Access Journal "Aerospace" at MDPI

### The Editorial Explains the Setup

SCHOLZ, Dieter, 2020: **Publishing in "Aircraft Design" with a Continuous Open Access Special Issue.**  
 In: *Aerospace*, vol. 7, no. 1, paper 5. Available from: <https://doi.org/10.3390/aerospace7010005>



**aerospace**  
 an Open Access Journal by MDPI

**Aircraft Design (SI - 2 / 2020)**

**Guest Editors**  
 Prof. Dr. Dieter Scholz, Prof. em. Egbert Torenbeek

**Deadline**  
 31 December 2020

[mdpi.com/si/25829](https://www.mdpi.com/si/25829)

**Special Issue**  
 Invitation to submit

**CITESCORE 1.57**  
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**Aerospace**  
 (ISSN 2226-4310)  
<https://www.mdpi.com/journal/aerospace>  
<https://doi.org/10.3390/aerospaceVMMxxxx>

**Continuous Special Issue Aircraft Design**  
[https://www.mdpi.com/journal/aerospace/special\\_issues/aircraft\\_design](https://www.mdpi.com/journal/aerospace/special_issues/aircraft_design)

<p><b>SI-1/2017</b>  <a href="https://www.mdpi.com/si/6497">https://www.mdpi.com/si/6497</a></p> <p>Articles:  <a href="https://doi.org/10.3390/aerospace3040035">aerospace3040035</a>  <a href="https://doi.org/10.3390/aerospace3040038">aerospace3040038</a>  <a href="https://doi.org/10.3390/aerospace4010006">aerospace4010006</a>  <a href="https://doi.org/10.3390/aerospace4030035">aerospace4030035</a>  <a href="https://doi.org/10.3390/aerospace4030037">aerospace4030037</a></p>	<p><b>SI-2/2020</b>  <a href="https://www.mdpi.com/si/25829">https://www.mdpi.com/si/25829</a></p> <p>Articles:  <a href="https://doi.org/10.3390/aerospace6060067">aerospace6060067</a>  <a href="https://doi.org/10.3390/aerospace6110122">aerospace6110122</a>                  ...</p>	<p><b>SI-3/20xx</b>  <a href="https://www.mdpi.com/si/xxxx">https://www.mdpi.com/si/xxxx</a></p> <p>Articles:                  aerospaceVMMxxxx                  aerospaceVMMxxxx                  ...</p>
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**Aircraft Design (SI - 1 / 2017)**

**Guest Editor**  
 Dr. Mohammad Sadraey

**Deadline**  
 31 May 2017

[mdpi.com/si/6497](https://www.mdpi.com/si/6497)

**Special Issue**  
 Invitation to submit

The Continuous Special Issue "Aircraft Design" of the Open Access Journal "Aerospace" at MDPI

## The Publisher: MDPI



MDPI Headquarters, Basel

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The Continuous Special Issue "Aircraft Design" of the Open Access Journal "Aerospace" at MDPI

## The Publisher: MDPI



MDPI Office in Wuhan, China



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