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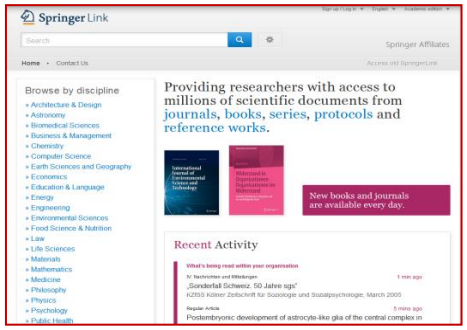

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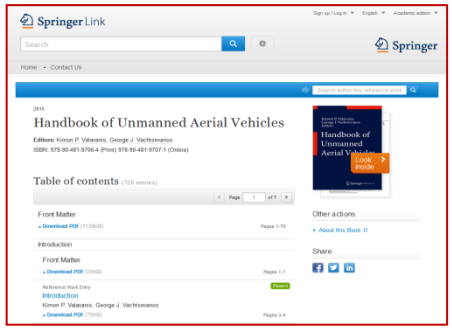

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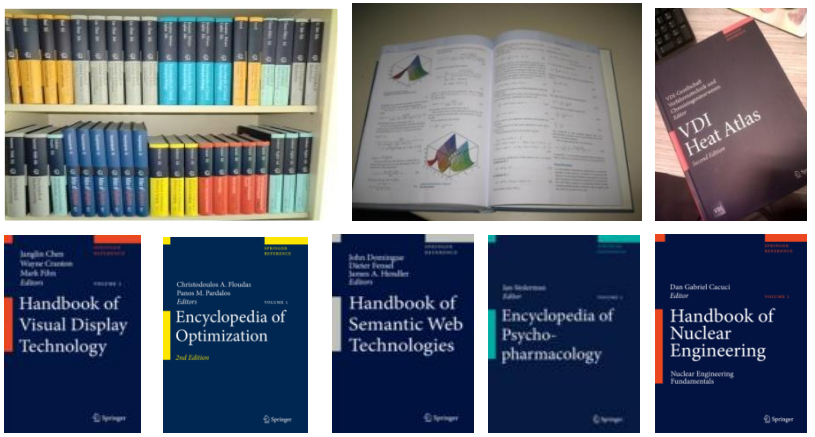

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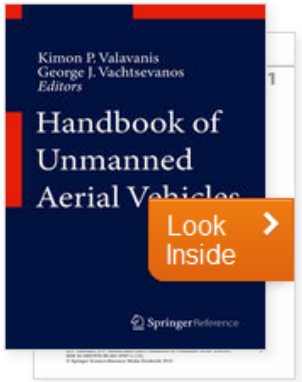
Handbook of Unmanned Aerial Vehicles

Editors: Kimon P. Valavanis, George J. Vachtsevanos

ISBN: 978-90-481-9706-4 (Print) 978-90-481-9707-1 (Online)



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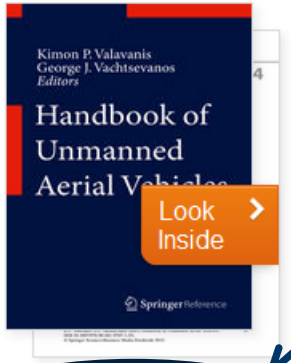

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Abstract

Although there are many who believe that UAVs are a recent invention going back at most two or three decades, unmanned flight has a rich history that goes back all the way to ancient times. Of course, the first systems that can qualify with the modern definition of UAVs are quite recent and mainly involve the reconnaissance drones developed and deployed during the cold war. Today, UAV systems have evolved and expanded into widely different designs like quadrotors, ducted fan, and blimps in addition to the classic fixed-wing and helicopter approaches. They have also acquired new roles beyond reconnaissance and have also found applications beyond the military domain, for example, in weather monitoring or infrastructure inspection. This chapter provides a short overview of this history.

4.1 Introduction

This section presents a historical perspective on unmanned flight starting from the ancient times and reaching modern times. The purpose is not to provide a detailed historical account of manned or

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Supplementary Material (0)

References (17)

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Title
Kinematics and Dynamics of Fixed-Wing UAVs

Reference Work Title
» Handbook of Unmanned Aerial Vehicles

Reference Work Part
Section III

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Good Example 1	Good Example 2	Bad Example
1. Chapter (author 1) 2. Chapter (author 2) 3. Chapter (author 3) 4. Chapter (author 4)	**Part A** 1. Chapter (author 1) 2. Chapter (author 2) 3. Chapter (author 3) 4. Chapter (author 4) **Part B** 5. Chapter (author 5) 6. Chapter (author 6) 7. Chapter (author 7) 8. Chapter (author 8)	**Part A** 1. heading a. heading (author 1) i. heading ii. heading (author2) **Part B** Part B.I. 2. heading (author 3) a. heading b. heading (author 4) c. heading i. heading ii. heading (author5)

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- **Main Text** [headings to be chosen by author]
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  OR/AND:
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  OR/AND:
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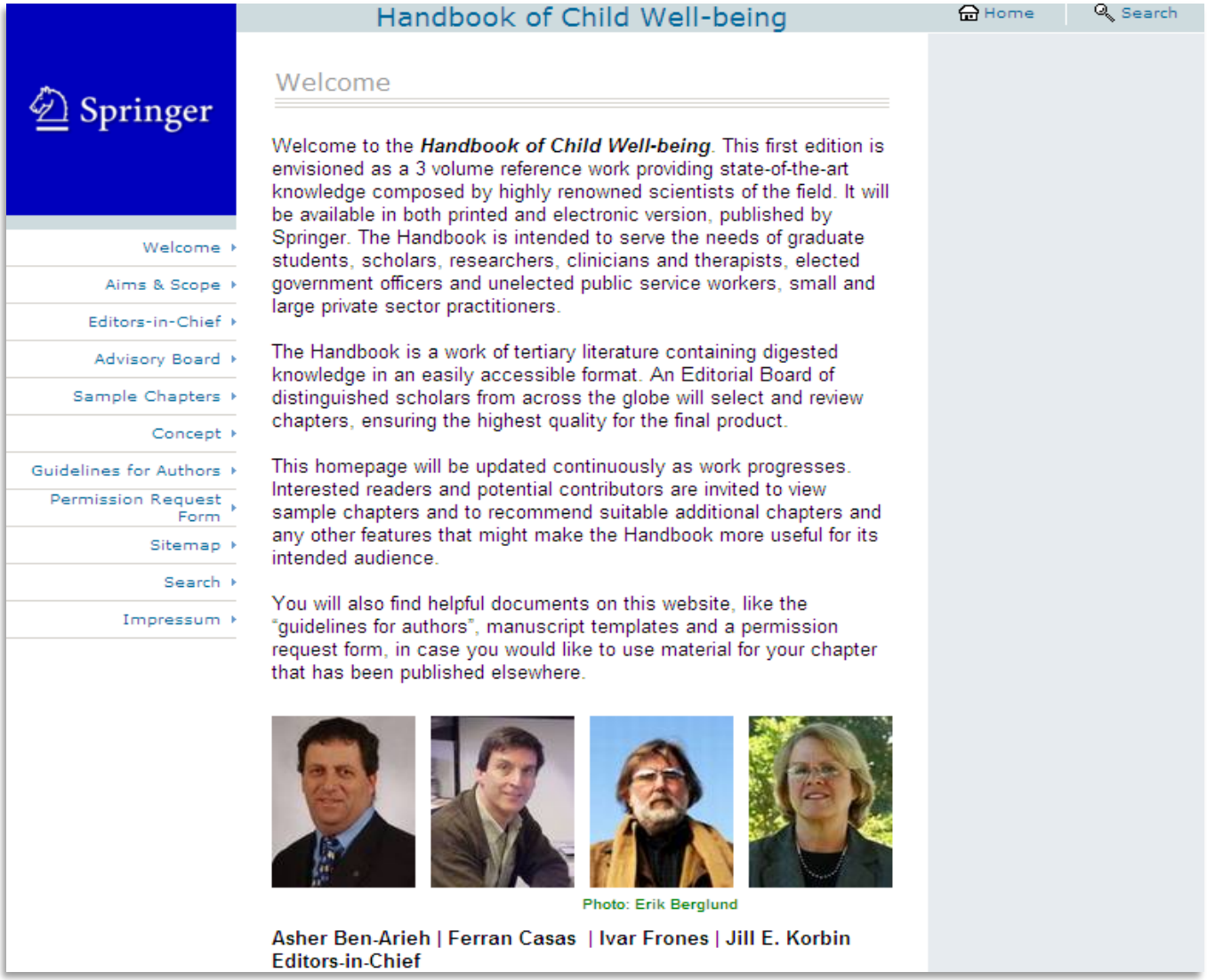

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11.23	Architectural lighting ID: 115 | Version: 2 | Section: Lighting, Author...		Open for Submission
16.34	Art and Fashion Color Design ID: 262 | Version: 2 | Section: Art and Design,...	2013-11-16 (submission)	Open for Submission
24.9	Assimilation ID: 272 | Version: 1 | Section: Vision: Pheno...		Ready for Resubmission
11.25	Automotive lighting ID: 116 | Version: 8 | Section: Lighting, Author...		Open for Submission
22.38	Avicenna, Abū ʿAlī al-Ḥusayn ibn ʿAbd Allāh ibn Sīnā ID: 336 | Version: 1 | Section: People, Author...		In Production
22.1	Bartleson, C J ID: 287 | Version: 1 | Section: People, Author:...		In Production
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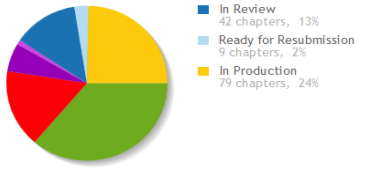

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Architectural lighting ID: 115 | Version: 2 | Section: Lighting | Authors: P...		Open for Submission
Art and Fashion Color Design ID: 262 | Version: 2 | Section: Art and Design | Aut...	2013-11-16 (submission)	Open for Submission
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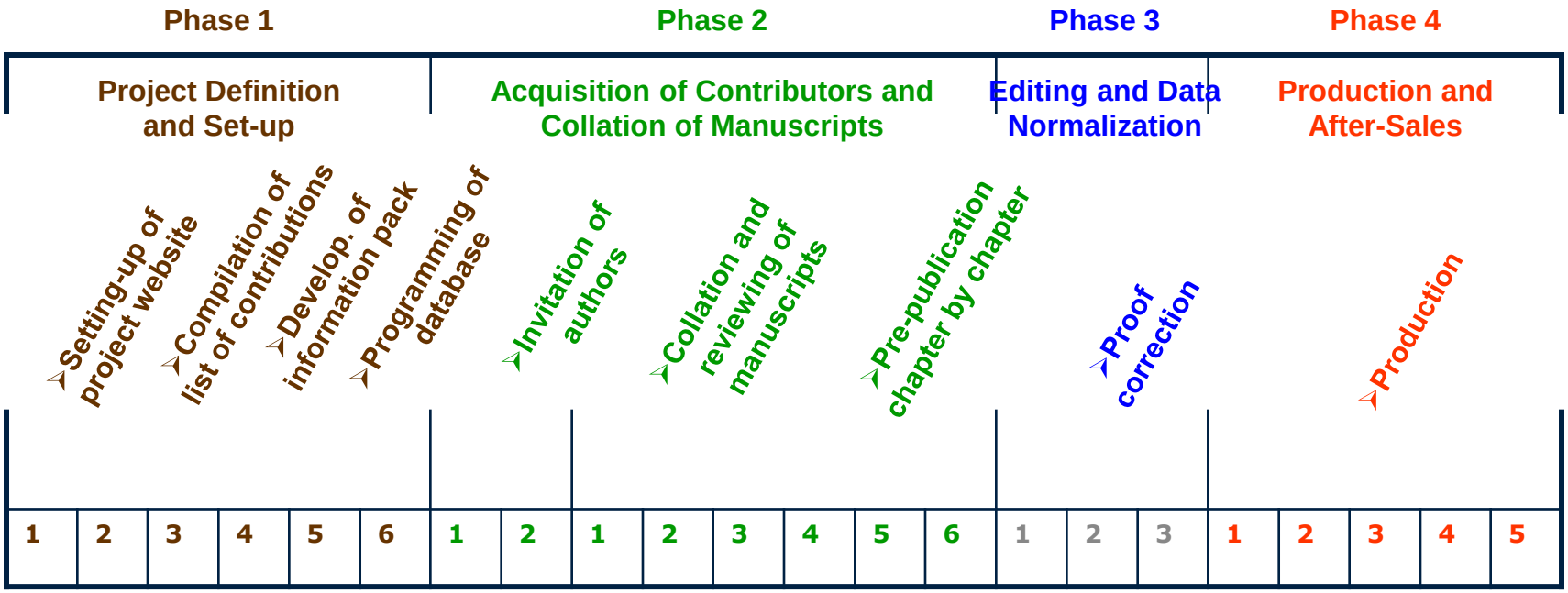

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Lydia Mueller

Senior Editor

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