



**Niko
Roorda**

DATE OF BIRTH:
12/04/1955

CONTACT

Nationality: Dutch

Gender: Male



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WORK EXPERIENCE

1990 - CURRENT - Sprang-Capelle, Netherlands

SD Educator, Manager, Guest lecturer

Niko Roorda Sustainability

Dr. Niko Roorda has been working for 30 years on integrating sustainable development into education and management: as a lecturer, curriculum developer, program manager, project manager, auditor, consultant and teacher trainer.

Roorda, a graduated theoretical physicist and philosopher of science, obtained his Ph.D. in social sciences in 2010, with key themes: sustainable development, organizational change and higher education. His contributions to sustainability science, in the form of ca. twenty books and dozens of chapters and articles, can be found via [Google Scholar](#) and [Researchgate](#). His citation index is: h-index=13; i10-index=17.

He worked as a manager in higher education institutions, as a board member of a school, and as a program and project manager in various organisations.

Examples of his presentations and online colleges can be found at his [website](#) and his [Youtube Channel](#). A good example of his work as a guest lecturer is his [Miami Lecture](#) (2017).

Contact information: <https://niko.roorda.nu/contact> and <https://www.linkedin.com/in/nikoroorda>.

1987 - CURRENT

Developer of education and management methods

Roorda developed and chaired:

- The first BSc program 'Sustainable Technology' in the whole world, within a University College in the Netherlands (1991-1998); first graduates: 1995.
- A pioneering program and a method to systemically integrate sustainable development (the 'Cirrus Project') into 13 BSc programs (1998-2003).
- [AISHE](#): Assessment Instrument for Sustainability in Higher Education, published in 2001 and since applied by hundreds of universities and colleges in more than 20 countries.
- AISHE 2.0: an expansion of AISHE, requested by many, available from 2008, in which besides the educational programs and the institution identity, also the research, the operations and the community outreach are assessed.
- A certification program on ESD (Education for Sustainable Development) for universities and colleges, which was formally recognized by the Dutch and Flemish Accreditation Organisation: a star system, through which hundreds of institutions have been certified and still are.
- A postgraduate education program on sustainable entrepreneurship.
- [FFEA](#), Future-Focused Entrepreneurship Assessment: a management instrument that is consistent with AISHE, but applicable in all kinds of organisations, such as: commercial companies; government organisations; hospitals; foundations and associations; etc.
- [RESFIA+D](#), also known as 'The 7 Competences of the Sustainable Professional'. This competence model is applied in organisations for their HRM and HRD; in universities and colleges for curriculum development; and by individual professionals and students.
- The [SD Curriculum Scan](#), a tool for a systematic analysis of the contents and the connections of SD aspects in curricula of universities and colleges,



enabling education teams to structurally improve their curricula and competence profiles.

2000 - CURRENT

● SD Consultant

- **Senior consultant:** for organizations, boards, managers and teams in a range of countries. Themes: sustainability, future focus, vision development, organization development, strategy & policy, CSR, education.
- **Coach:** of board members, managers, staff members, lecturers, freelancers, graduate students.
- **Trainer:** of groups of managers; lecturers; students.
- **Advisor** for Erasmus+ Programs.

1988 - CURRENT

● Auditor

Member of board commission. Member of visitation commission. Chair of examination committee. Auditor and certifier of individuals and institutions. Jury member, e.g. for the [Green Gown Awards](#) of the [EAUC](#) (UK).

2004 - CURRENT

● Book Author

Roorda wrote ca. twenty books, mostly on sustainability, CSR and future perspectives.

Some of his recent **textbooks for higher education** and for **management** are:

English:

[Fundamentals of Sustainable Development](#). Routledge: 1st edition, 2012; 3rd edition, 2020.

[The Seven Competences of the Sustainable Professional](#). Routledge, 2018.

[AISHE 2.0: Assessment Instrument for Sustainability in Higher Education](#). Edition English, 2018.

German:

Grundlagen der nachhaltigen Entwicklung. 1st edition, Springer Verlag, 2020.

Dutch:

[Basisboek Duurzame Ontwikkeling](#). Noordhoff: 1st edition, 2005; 4th edition, 2020.

[De zeven competenties van de duurzame professional](#). Garant, 2015.

[FFEA: Future-focused Entrepreneurship Assessment](#). Dutch edition, 2018.

[AISHE 2.0: Assessment Instrument for Sustainability in Higher Education](#). Editie NL, 2018.

[Duurzaam Ondernemen](#) ('Sustainable Entrepreneurship'). Euroforum, 2007.

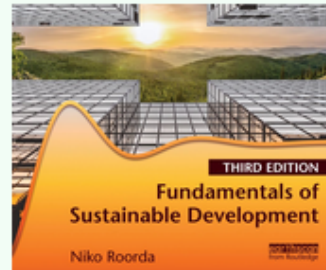
[Werken aan duurzame ontwikkeling](#) ('Working on sustainable development'). Wolters-Noordhoff, 2007.

Swedish:

Basisboek DO (4e ed., 2020)



Fund.tals of SD (3rd ed., 2020)



Grundlagen NE (Dez. 2020)



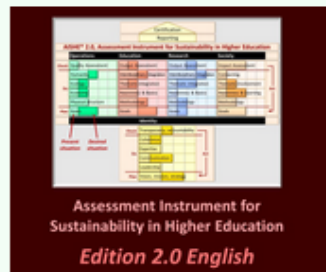
PhD Thesis (2010)



AISHE 2.0 Nederlands (2009)



AISHE 2.0 English (2009)



FFEA (2018)



FFEA Extensions (2019)



AISHE (Svenska)



AIFSHE (Français, English)



De 7 Competenties (2015)



The 7 Competences (2018)



Ons Huis, Planeet Aarde (2008)



Werken aan Du. Ontwikk. (2007)



Duurzaam Ondernemen (2007)



In preparation:





[AISHE: Självvärderingsverktyg för hållbar utveckling i högre utbildning.](#)
Mälardalens högskola, 2008.

Other books:

[Sailing on the winds of change. The Odyssey to Sustainability of the Universities of Applied Science in the Netherlands.](#) PhD Thesis, Maastricht University Press, 2010.

[Ons huis, Planeet Aarde. Duurzame ontwikkeling: een avontuur van iedereen](#) ('Our home, Planet Earth: an adventure for everybody'). Tirion, 2008.

● **Award winner**

- 2018: **Sustainable Lecturer of the Year** in the category of *Higher Education* in the Netherlands: selected by the [Cooperative Learning for Tomorrow](#) because of his contributions to sustainability in education in and outside the Netherlands.
- 2001: **Dutch National Award for Innovation and Sustainable Development**
- 2000: Nomination for the **Brabant Award for Innovation**.
- 1995: Second prize, **Tilburg Modern Industrial City Award for Sustainable Development**

EDUCATION AND TRAINING

2010 - Netherlands

● **PhD (Social Science, majoring in sustainability, higher education and organisation development)**

Maastricht University

2002 - Netherlands

● **Certified Auditor of Sustainable Development**

DHO (Dutch National Foundation for Sustainability in Higher Education)

1993 - Netherlands

● **Advanced level in Management**

ISW (Institute for Social Sciences, currently part of NCOI)

1991 - Netherlands

● **Advanced level in Quality management**

Berenschot Consultancy Group

1986

● **Senior level qualification to teach mathematics**

Utrecht University

1981

● **Senior level qualification to teach physics and astronomy**

Utrecht University



1981 - Netherlands

● **MSc (Theoretical Physics and Philosophy of Science)**

Utrecht University

1976 - Netherlands

● **BSc (Astronomy and Mathematics)**

Leiden University

LANGUAGE SKILLS

MOTHER TONGUE(S): Dutch

English

Listening
C1

Reading
C2

Spoken
production
C2

Spoken
interaction
C1

Writing
C2

German

Listening
B2

Reading
C1

Spoken
production
B1

Spoken
interaction
A2

Writing
B1

French

Listening
A1

Reading
B1

Spoken
production
A1

Spoken
interaction
A1

Writing
A1

DIGITAL SKILLS

Microsoft Word | Microsoft Excel | Outlook | Microsoft Powerpoint | Adobe Photoshop | Programming in Pascal | Intermediate skills in graphic design (Adobe Photoshop Adobe Illustrator Adobe InDesign)