

Introduction Package

Universal design – introduction to a design principle that challenges the idea of being human

Reference: Ryhl, Camilla, Eiriksson, Marie, Overby Sørensen, René (2021) Universal design – introduction to a design principle that challenges the idea of being human. Universal Design Hub – Bevica Fonden.

Format: Text (6 pages)

Keywords: Concept, Principles, Goals, History, Ron Mace

Description: This article introduces the concept of Universal Design – its origins, scientific context, and application. It introduces the 7 key principles and 8 goals of Universal Design and exemplifies how they might be addressed in different areas of society.

Link: https://universaldesignhub.dk/wp-content/uploads/Ryhl-C.-Eiriksson-M.-Overby-Soerensen-R.-2021-Universal-design_Eng.pdf

Beginnings: Conceptualising disability in a global world

Reference: Goodley, Dan (2016) Beginnings: Conceptualising disability in a global world. In: Disability studies: An interdisciplinary introduction. Sage Publications. Chapter 1.

Format: Text (26 pages)

Keywords: Disability Studies, Politics, Disabled People's Movement, Perspectives on disability

Description: This book chapter examines a varied range of theories and perspectives on disability and engages with present discussions in the field of Disability Studies. Goodley's text encourages readers using thought-provoking questions, exercises, and activities for students and researchers across disciplines.

Link: Individual links to the e-book have been sent via email.

The 17 Goals

Reference: United Nations (2022) The 17 Goals

Format: Webpage (2 pages)

Keywords: 2030 Agenda, Sustainable Development Goals, History, General Framework

Description: This webpage serves as a digital learning site for the 17 Sustainable Development Goals (SDGs). It outlines the general history and organisation of the 2030 Agenda for sustainable development. In addition, the webpage links to elaborate numbers, figures, and reports on the implementation progress of the 17 SDGs on an international level.

Link: <https://sdgs.un.org/goals>

Leave No One Behind

Reference: United Nations (2022) Leave No One Behind

Format: Webpage (1 page)

Keywords: Pledge, Commitment, Responsibility, Reach the furthest behind first

Description: This webpage documents how the 193 United Nation Member States of the 2030 Agenda have committed to Leave No One Behind in their implementation of the SDGs. Moreover, it stresses how Member States will “endeavour to reach the furthest behind first” from an essential recognition of how “the dignity of the human person is fundamental”.

Link: <https://www.un.org/en/desa/leaving-no-one-behind>

Universal design and Leave No One Behind

Reference: Ryhl, Camilla (2022) Universal design and Leave No One Behind. Universal Design Hub – Bevica Fonden.

Format: Video (14 minutes)

Keywords: Concept, History, View of humanity, Sustainable Development Goals, Disability

Description: This video is an introduction to the concept of Universal Design. It explores the history of the concept, provides examples of its application, and clarifies how Universal Design can work as a lever for the UN Sustainable Development Goals.

Link: <https://universaldesignhub.dk/lunch-bag-lecture-universal-design-and-leave-no-one-behind/>

SDGs and Universal Design

Reference: Wandel, Jens (2022) SDGs and Universal Design. Universal Design Hub – Bevica Fonden.

Format: Video (18 minutes)

Keywords: UN, Sustainable development, Sustainable Development Goals, Human agency, Disability

Description: In this video, the 17 Sustainable Development Goals are broken down into 4 aspects of our lives. The video discusses sustainability, Universal Design and the Leave No One Behind agenda, and how they are all connected.

Link: <https://universaldesignhub.dk/sdgs-and-universal-design/>

Universal Design

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Link: https://universaldesignhub.dk/wp-content/uploads/Ryhl-C.-Eiriksson-M.-Overby-Soerensen-R.-2021-Universal-design_Eng.pdf

Universal design: an evolving paradigm

Reference: Ostroff, Elaine (2010) Universal design: an evolving paradigm. In: Universal Design Handbook. Preiser, Wolfgang & Ostroff, Elaine (eds.) New York: McGraw-Hill. Chapter 1, pp. 34-42.

Format: Text (10 pages)

Keywords: Introduction to Universal Design, Convention on the Rights of Persons with Disabilities (CRPD), Historical and Cultural perspective

Description: Elaine Ostroff introduces Universal Design as an evolving paradigm and offers a historical and cultural perspective by placing Universal Design in different contexts such as Universal Design and Education, Universal Design and Business, Universal Design and Society.

Link: Access can be retrieved from your educational library

Principles of Universal Design

Reference: Story, Molly (2010) Principles of Universal Design. In: Universal Design Handbook, Edited by: Preiser, Wolfgang & Ostroff, Elaine. New York: McGraw-Hill. Chapter 4, pp. 58-67.

Format: Text (10 pages)

Keywords: The Principles of Universal Design, Contextual examples, Standards, Guidelines

Description: Molly Story introduces The Principles of Universal Design and exemplifies the use of the seven principles in various contexts as an attempt to articulate a concept that embraces human diversity and applies to all design disciplines.

Link: Access can be retrieved from your educational library

Accessibility, usability and universal design positioning and definition of concepts describing person-environment relationships

Reference: Iwarsson, Susanne & Ståhl, Agneta (2003) Accessibility, usability and universal design positioning and definition of concepts describing person-environment relationships, Disability & Rehabilitation, 25:2, 57-66.

Format: Text (9 pages)

Keywords: Accessibility, Usability, Method, Universal Design

Description: This paper introduces an instrumental, three-step definition to accessibility, emphasising that accessibility includes personal as well as environmental components. Suggesting the introduction of an activity component, accessibility is replaced by a more complex term, usability. Universal Design is highlighted as a more process-oriented but less stigmatising concept.

Link: <https://pubmed.ncbi.nlm.nih.gov/12554380/>

Universal Design and disability: an interdisciplinary perspective

Reference: Lid, Inger Marie (2014) Universal Design and disability: an interdisciplinary perspective. Disability and Rehabilitation, 36:16, 1344-1349.

Format: Text (6 pages)

Keywords: Interdisciplinary Field of Knowledge, Convention on the Rights of Persons with Disabilities (CRPD), Human Plurality

Description: This is a theoretical paper. It discusses the understanding of Universal Design as an interdisciplinary theme and the significance of Universal Design in research and teaching. The paper built on literature and focuses on how to recognise Universal Design in interdisciplinary contexts.

Link: <https://doi.org/10.3109/09638288.2014.931472>

Universal design

Reference: Ryhl, Camilla (2022) Universal design. Universal Design Hub – Bevica Fonden.

Format: Video (3 minutes)

Keywords: Concept, History, Inclusion, Inclusive design, Design for all

Description: This video briefly summarizes the fundamentals of Universal Design. It examines the applicability of Universal Design and how it encompasses all aspects of our life. Ultimately, Universal design is a value-based design principle that ensures equal and inclusive solutions for all – regardless of abilities.

Link: <https://universaldesignhub.dk/universal-design/>

Doing Dis/ability and Architecture Differently?

Reference: Boys, Jos (2016) Doing Dis/ability and Architecture Differently? AA School of Architecture.

Format: Video (1 hour 28 minutes)

Keywords: Perspectives on disability, Architecture, Gender, Understanding of normal

Description: In this video, Jos Boys discusses what can happen to architecture and its practices when 'normal' (and normative) assumptions about disability and ability are creatively and critically challenged. The video investigates our perceptions of normalcy, disability, and ability in the context of architecture.

Link: <https://www.youtube.com/watch?v=D9STKEmiMe0>

An inclusive human view in design and architecture

Reference: The Royal Danish Academy (2022). An inclusive human view in design and architecture.

Format: Video (6 minutes)

Keywords: Architecture, Design, Inclusion, Diversity, Co-creation

Description: This video showcases how The Royal Danish Academy integrates Universal Design into their teaching and research as a lever for the Leave No One Behind agenda, and a general action of an inclusive view of humanity. It exemplifies how people of different capabilities may be included into design processes and how this inclusive approach can add quality and depth to the final design.

Link: <https://www.bevica.dk/partnerskaber/universelt-design-og-tilgaengelighed-for-alle/>

Nordisk kongres i Synspædagogik: Universelt design

Reference: Institut for Blinde og Svagsynede (2022). Blind Lyd – Podcast: 1. Nordisk kongres i Synspædagogik: Universelt design.

Format: Podcast (33 minutes)

Keywords: Accessibility, Principles, View of humanity, Sustainable Development Goals

Description: In this podcast episode, Research Director at Bevica Fonden, Camilla Ryhl, gives a lecture on Universal Design (in English). She describes how Universal Design can be understood as a value-based principle, as a process tool or as a solution. She also argues for the importance of interdisciplinary collaboration in Universal Design.

Link: <https://www.podbean.com/media/share/pb-65mkw-12dad45>

Transcription of podcast:

https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Ffibos.dk%2Fwp-content%2Fuploads%2F2022%2F10%2FTransskribering-af-NKS-podcastserie_10.10.22.docx&wdOrigin=BROWSELINK

TEDxSydney: Designing for Function and Universal Access

Reference: Houbolt, Sarah (2017) TEDxSydney: Designing for Function and Universal Access. TEDx Talk

Format: Video (12 minutes)

Keywords: Human value, Human needs, User involvement, Accessibility, Innovation

Description: In this TEDx Talk, Sara Houbolt argues how her experiences as visually impaired has taught her a bodily way to be with other people as an equal and valued contributor to space. She argues for the value of user involvement and co-creation in design processes and points out how we ought to “focus on fixing the environment first – rather than fixing our bodily experience of the world” – since, “integrating accessibility into the design process always leads to innovation”.

Link: <https://youtu.be/DRWgQrd7y2c>

Being Human

Beginnings: Conceptualising disability in a global world

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Format: Text (26 pages)

Keywords: Disability Studies, Politics, Disabled People's Movement, Perspectives on disability

Description: This book chapter examines a varied range of theories and perspectives on disability and engages with present discussions in the field of Disability Studies. Goodley's text encourages readers using thought-provoking questions, exercises, and activities for students and researchers across disciplines.

Link: Individual links to the e-book have been sent via email.

Understanding Disability

Reference: Shakespeare, Thomas (2018) Understanding Disability. In: Disability: the basics. Routledge. Chapter 1.

Format: Text (24 pages)

Keywords: Understanding Disability, Disability Across Time and Place, Lived Experiences

Description: *Disability: the basics* is an introduction to disability as a multi-dimensional concept and explores the historical, social, environmental, economic, and legal factors which affect experiences of people living with impairments in modern-day society. It offers an understanding of the lived experiences of disabled people and underline continuing gaps and barriers in social responses to the challenge of disability.

Link: <https://www.routledge.com/Disability-The-Basics/Shakespeare/p/book/9781138651395>

Disability as a human condition discussed in a theological perspective

Reference: Lid, Inger Marie (2012) Disability as a human condition discussed in a theological perspective. *Diaconia. Journal for the Study of Christian Social Practice*. Vol. 3.

Format: Text (14 pages)

Keywords: Understanding Disability, Disability Across Time and Place, Lived Experiences, Law, Politics

Description: This article discusses the understanding of disability in a notion of human diversity that includes disability as a human condition. From a disability studies perspective, a medical understanding of disability has been criticised for the absence of disabling structures in society. Lid argues that inclusive concepts of humanity must guide law and politics.

Link: <http://dx.doi.org/10.13109/diac.2012.3.2.158>

Nothing About Us Without Us

Reference: Charlton, James (2000) Nothing About Us Without Us. In: *Nothing About Us Without Us: Disability Oppression and Empowerment*. Berkeley, CA: University of California Press. Chapter 1, pp. 3-18.

Format: Text (15 pages)

Keywords: Disability Rights Movement, Disability oppression, Lived experience, Organization of Empowerment, History

Description: This book chapter is the introduction to the landmark book on disability *Nothing About Us Without Us* written by disability rights activist James Charlton. The book chapter touches briefly on topics about the disability rights movement, disability oppression, lived experiences, and disability as a social construction. Overall, the book provides a theoretical overview of disability oppression that shows its similarities to, and differences from, racism, sexism, and colonialism.

Link: Access can be retrieved from your educational library

Nobody is average. Here's why

Reference: Rose, Todd (2021) Nobody is average. Here's why. FacebookFirstReads.

Format: Text (5 pages)

Keywords: Critique, Average, One-dimensional metrics, The science of the individual

Description: This text is an excerpt from the book The End of Average – How We Succeed in a World the Values Sameness written by Todd Rose. The text briefly showcases Rose's argument of how there is no such thing as an average body or level of intelligence. These notions are a figment of a misguided scientific imagination.

Link: <https://www.facebook.com/notes/1502999053228336/>

Architects' conceptions of the human body

Reference: Imre, Robert (2003) Architects' conceptions of the human body. Environment and Planning D Society and Space 21(1):47-65.

Format: Text (19 pages)

Keywords: Architecture, Human body, Cartesian conceptions, Vitruvian body, Physiological diversity

Description: In this article, Robert Imre argues how most influential architectural theories and practices fail to recognise bodily and physiological diversity. He stresses a tendency among architects to design to specific technical standards and dimensions which revolve around a Cartesian conception of the 'normal' body.

Link:

https://www.researchgate.net/publication/260049643_Architects'_Conceptions_of_the_Human_Body

The Myth of Average

Reference: Rose, Todd (2013) The Myth of Average: Todd Rose at TEDxSonomaCounty

Format: Video (18 minutes)

Keywords: One-dimensional metrics, Jagged size profile, Learning environments, Technology, Talent

Description: In this TED Talk, Todd Rose argues that if you design for the average sized person you design for nobody. According to Rose we all have "a jagged size profile" meaning that our body dimensions such as height, weight and waist are not the same on

every dimension. Ultimately, Rose argues how we ought to ban the average and generate designs that accommodate for the edges of dimensions.

Link: <https://www.youtube.com/watch?v=4eBmyttcfU4>

Models of disability: A short introduction

Reference: Falster, Emil (2023) Models of disability: A short introduction. Lunch Bag Lecture. Universal Design Hub – Bevica Fonden.

Format: Video (7 minutes)

Keywords: Theory, Models of disability, Impairment effects, Barriers and Solutions

Description: In this video, Emil Falster discusses three different models of disability: the medical model, the social model, and the relational model. He argues how our understanding of terms such as disability and impairment effects how we understand the barriers and challenges that people with impairments face every day – and how these understandings, ultimately, generate the solutions we ideate to create equal opportunities for participation.

Link: <https://vimeo.com/792161632>

Models of disability (with a side order of The Life of Brian)

Reference: Shakespeare, Tom (2022) Models of disability (with a side order of The Life of Brian). Better Together 2022 Conference

Format: Video (35 minutes)

Keywords: Models of disability, Disability, Impairment, Convention on the Rights of Persons with Disabilities (CRPD), The International Classification of Functioning, Disability and Health (ICF)

Description: This video introduces the history and conceptualisation of three different models of disability: the medical model, the social model, and a laminated model (integrating the two). Tom Shakespeare ultimately argues that disability is an interaction working on different levels (the biological, psychological, environmental, and social level) in different contexts of society and everyday life.

Link: <https://youtu.be/oAHnKutOkYI>

Crip Camp

Reference: Crip Camp (2020) Higher Ground Productions.

Format: Video (1 hour 46 minutes)

Keywords: Discrimination, Disability Rights Movement, Activism, Empowerment, History

Description: In the early 1970s, teenagers with disabilities faced a future shaped by isolation, discrimination, and institutionalization. This movie tells the story about one group of disabled young people and their journey to activism and adulthood, and in doing so, provides an opportunity for all to delve into the rich and complicated history of disability activism, culture, and history.

Link: <https://www.youtube.com/watch?v=OFS8SpwioZ4>

Leave No One Behind

Leave No One Behind

Reference: United Nations (2022) Leave No One Behind

Format: Webpage (1 page)

Keywords: Pledge, Commitment, Responsibility, Reach the furthest behind first

Description: This webpage documents how the 193 United Nation Member States of the 2030 Agenda have committed to Leave No One Behind in their implementation of the SDGs. Moreover, it stresses how Member States will “endeavour to reach the furthest behind first” from an essential recognition of how “the dignity of the human person is fundamental”.

Link: <https://www.un.org/en/desa/leaving-no-one-behind>

What does it mean to leave no one behind? A UNPD discussion paper and framework for implementation

Reference: United Nations Development Programme (UNDP) (2018) What does it mean to leave no one behind? A UNPD discussion paper and framework for implementation.

Format: Text (29 pages)

Keywords: 2030 Agenda, Five key factors, Intersectionality, Action

Description: With the adoption of the 2030 Agenda for Sustainable Development, 193 United Nations Member States pledged to ensure “no one will be left behind” and to “endeavour to reach the furthest behind first.” This paper suggests a framework that governments and stakeholders can use in their countries to take action to leave no one behind in a way that enables and accelerates national progress to achieve the Sustainable Development Goals.

Link: <https://www.undp.org/library/what-does-it-mean-leave-no-one-behind>

Disability Inclusion

Reference: The World Bank (2022) Disability Inclusion.

Format: Webpage (2 + 6 pages)

Keywords: Disability, Inclusion, 2030 Agenda, Sustainable Development Goals, 10 Commitments

Description: The World Bank Group is a global partnership working for sustainable solutions that reduce poverty and build shared prosperity in developing countries. With their Disability Inclusion project, the World Bank has committed to support the inclusion of people with disability worldwide (Link 1). At the first Global Disability Summit in 2018, the World Bank announced 10 commitments towards disability inclusive development. These commitments address topics such as: Education, Technology and innovation, Data disaggregation, and Transportation (Link 2).

Links:

Link 1: <https://www.worldbank.org/en/topic/disability#1>

Link 2: <https://www.worldbank.org/en/topic/socialsustainability/brief/world-bank-group-commitments-on-disability-inclusion-development>

Exploring relationships between universal design and social sustainable development: some methodological aspects to the debate on the sciences of sustainability

Reference: Vavik, Tom & Keitsch, Martina Maria (2010) Exploring relationships between universal design and social sustainable development: some methodological aspects to the debate on the sciences of sustainability. Sustainable Development. Vol 18 (5).

Format: Text (11 pages)

Keywords: Social Sustainable Development, Universal Design, Methodological approach, User Involvement, Inclusion

Description: This article explores what is meant by Universal Design and how it relates to social sustainable development. It investigates general ideas within Universal Design and Social Sustainable Development and indicates relations between the two, e.g., by discussing how they both are based on three common goals of: inclusion, access, and participation.

Link: <https://doi.org/10.1002/sd.480>

Making Visible the Invisible: Why Disability-Disaggregated Data is Vital to “Leave No-One Behind”

Reference: Abualghaib, Ola; Groce, Nora; Simeu, Natalie; Carew, Mark T.; Mont, Daniel (2019) Making Visible the Invisible: Why Disability-Disaggregated Data is Vital to “Leave No-One Behind”. *Sustainability* 11 (11), 3091.

Format: Text (11 pages)

Keywords: Disability data, Convention on the Rights of Persons with Disabilities (CRPD), 2030 Agenda, Sustainable Development Goals, Monitoring and evaluation

Description: This article stresses the need for disability-disaggregated data to highlight where deprivation and disparity of levels of inclusion exist. It showcases a selection of data from the Disability Data Portal illustrating the multiple and intersecting forms of exclusion and discrimination that people with disabilities experience. In conclusion, the article stresses the need for accessible collection of data that is up-to-date, accessible, comparable, and disaggregated to highlight trends and differences in the exclusion and marginalisation facing people with disability, and to monitor and evaluate the success of the 2030 Agenda of ‘leaving no one behind’.

Link: <https://doi.org/10.3390/su11113091>

Language that Supports Sustainable Development: How to Write about People in Universal Design Policy

Reference: Ericsson, Stina, Wojahn, Daniel, Sandström, Ida & Hedvall, Per-Olof (2020) Language that Supports Sustainable Development: How to Write about People in Universal Design Policy. *Sustainability* 12(22), 9561.

Format: Text (8 pages - Selected pages: 1-4 + 16-17)

Keywords: Categorisation, Societal understandings, Convention on the Rights of Persons with Disabilities (CRPD), Universal Design, Policy

Description: This article serves to introduce a critical reflection of how to approach categorisations of people. The paper introduces a Swedish study identifying how the understanding of “everyone” in Universal Design (UD) is conceptualised in Swedish UD policy. In conclusion, the article provides a set of 7 recommendations for how to categorise people with regards to UD.

Link: <https://doi.org/10.3390/su12229561>

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Link: <https://universaldesignhub.dk/sdgs-and-universal-design/>

The principle of universal design as a tool for leaving no one behind

Reference: The Swedish Agency for Participation (2020) The principle of universal design as a tool for leaving no one behind

Format: Video (17 minutes – Selected time span: 00:00 - 16.33)

Keywords: Diversity, Participation, Convention on the Rights of People with Disability (CRPD), Sustainable development, United Nations

Description: Catalina Devandas-Aguilar, Special Rapporteur on the Rights of Persons with Disabilities, provides a short introduction into how the CRPD was adopted in the 2030 Agenda and argues for the continuous importance of including the perspectives, needs

and rights of people with disabilities. Devandas-Aguilar points out the need for universal designs at a global level and stresses how UN States need more guidance on how to include and engage people with disabilities into their general work and integration of the CRDP and the SDGs.

Link: <https://www.youtube.com/watch?v=YoYcCIEAqGs&t=1431s>

Technology Leaving No One Behind

Reference: The Technical University of Denmark (2022) Technology Leaving No One Behind.

Format: Video (5 minutes)

Keywords: Technology, DTU SkyLab, Inclusion, Accessibility, Design methods

Description: This video showcases how The Technical University of Denmark (DTU) incorporates the "Leave No One Behind" agenda in their strategy, research, education, and student entrepreneurship through the collaborative project "Technology leaving no one behind". This project aims to promote inclusion and accessibility as a natural part of the design and development of new technical solutions for engineering students.

Link: <https://www.bevica.dk/partnerskaber/technology-leaving-no-one-behind/>