

About Dr. Jane Thomason



A Global Thought Leader Shaping the Future of Web3, Metaverse, and Emerging Technologies. Dr. Jane Thomason is a visionary force in the rapidly evolving realm of Metaverse, a sector projected to reach \$13 trillion by 2030. An esteemed author and scholar, she's a key contributor on the Editorial Boards of "The Journal of Metaverse" and "Frontiers in Blockchain," cementing her commitment to advancing knowledge.

With over 40 peer-reviewed articles and notable books like "Blockchain for Global Social Change" and "Advancements in the New World of Web 3," Dr. Jane is a beacon of insight into the transformative power of blockchain and Web3 technologies.

Her expertise reaches far beyond academia, as she's a sought-after consultant for governments and industries alike, guiding them through the profound impact of emerging technologies. Notably, she's recognized as one of the "8 Metaverse experts to follow" and features among the "Top 100 Women in Web 3 and Metaverse."

Dr. Jane's influence extends to international media, where her expertise is featured in CNN's documentary "DeCoded" and OpEds exploring the ethical dimensions of the metaverse.

Beyond her thought leadership, Dr. Jane founded and led a successful international development company, achieving an impressive \$250 million in revenue. Her experience in both academia and real-world impact sets her apart.

As the Chair of Kasei Holdings, a prominent player in the Aquis Exchange in London, she is actively shaping the industry's trajectory and promoting the adoption of decentralized technologies.

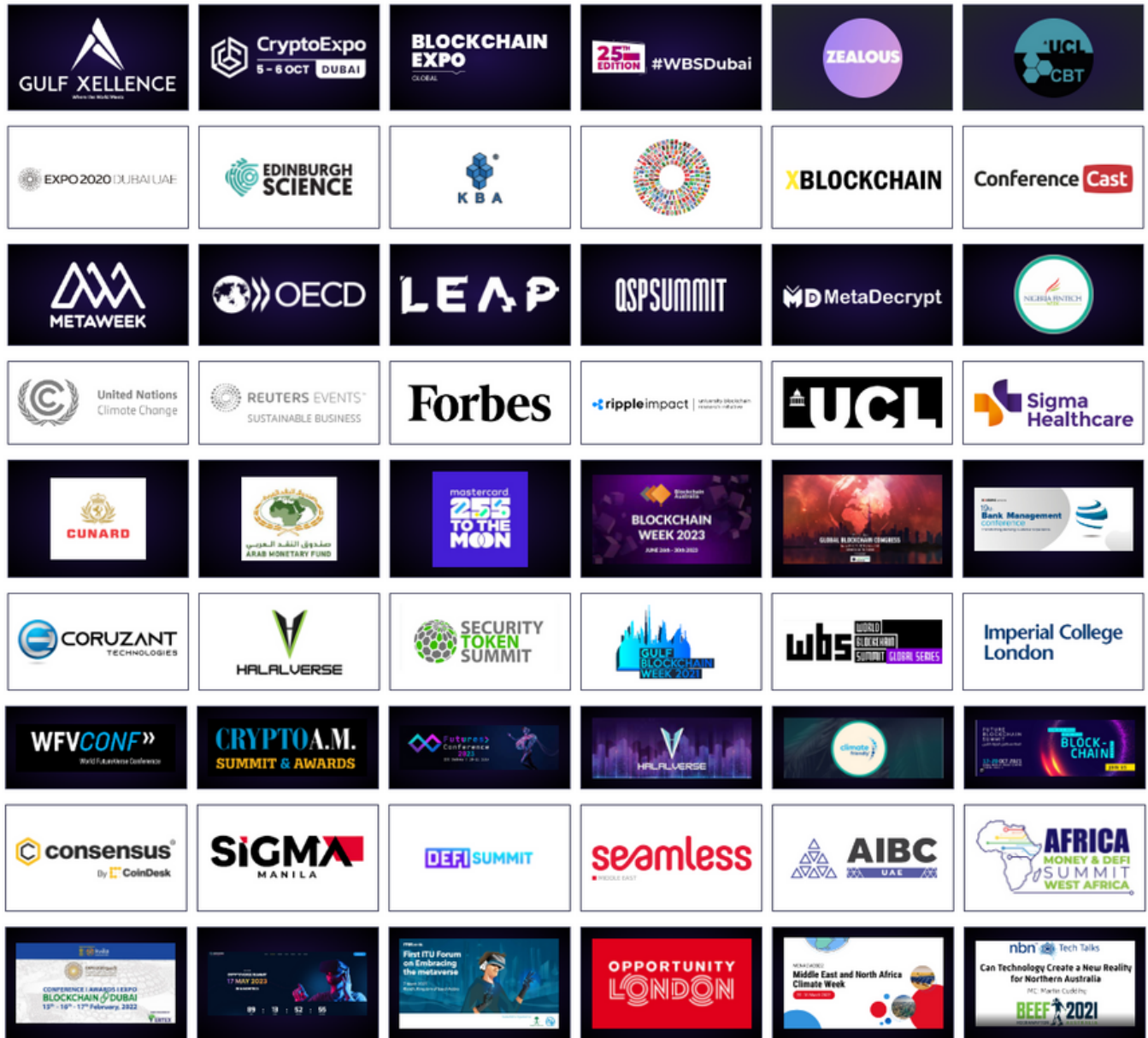
An engaging speaker, dedicated educator, and strategic visionary, Dr. Jane Thomason empowers audiences to navigate the intricate landscape of emerging technologies.

40 + **YEARS OF EXPERIENCE**

45 + **PUBLICATIONS PUBLISHED**

40 + **BOOKS AUTHOR/ CO-AUTHOR**

Featured in



Boards, Panel and Awards

Boards and Advisory Appointments

- Chair, Board of Directors, Kasei Holdings, London, 2021 - present
- Non-Executive Director, Kina Bank (ASX Listed) Papua New Guinea, 2018-present
- Private Sector Constituency Representative, Global Partnership for Maternal, Neonatal and Child Health Board 2018 - 2019
- Chair, Wesley Hospital Board, 2003 - 2005
- Member, Uniting Health Care Board, 2002 - 2005
- Chair, Expert Panel on Paediatrics and Child Health, 1997 - 1999
- Member, Royal Children's Hospital Foundation Board, 1997 - 1999

Advisory Appointments

- Industry Associate, University College London, Centre for Blockchain Technology, 2018-present
- Adviser, Kerala Blockchain Academy, 2018 - present
- Adviser, Africa Centre for Blockchain Excellence, 2018 - present
- Founding Member Blockchain Policy Convergence (NY), 2018 -present
- Co-Founder British Blockchain and Frontier Technology Association, 2018 - present
- Member Westminster Technology Forum (London), 2018 - present
- Member, Evidence Review Group Malaria Burden Estimate 27-28 June, 2012 WHO, Geneva, Switzerland
- Member, International Committee, Australian Red Cross, 2007 - 2008
- Reviewer, Health Policy and Planning, 2006 - 2014
- Member, Technical Advisory Group, Knowledge Hub, University of Queensland 2008 - 2011
- Member, PNG Australia Business Council Executive, 2008 – 2011
- Member, Queensland PNG Business Group, 2011
- Member, Australian Centre for International Tropical Health and Nutrition Consultative Council, 2002-2012
- Chair, Working Party on Consultancy and External Relations, School of Population Health, University of Queensland 2000-2001
- Member, Australian Ministers Workforce Advisory Committee, on Paediatrics, 1987-1999
- Member, Australian Health Ministers Advisory Committee, on Women's Health, 1995
- Member, World Health Organisation Forum, on Health Sector Reform, 1994-1996
- Member, World Health Organisation Study Group, on Changes in Health Sector Financing, 1991
- Member, National Women's Health Task Force, Papua New Guinea, 1991

Boards, Panel and Awards

Awards

- Web3 Leader of the Year, AIBC Eurasia (2023)
- Thinkers 360, Top 10 Global Thought Leaders and Influencers on HealthTech and Cryptocurrency, and Top 50 in Blockchain (2022)
- 8 metaverse experts to follow (2022)
- Top 100 women in Web 3 and Metaverse (2022)
- Top 25 Women in Fintech and Blockchain, MENA (2022)
- Featured by CNN on their series on the Metaverse “Decoding the Secrets of the Metaverse.” (2022)
- Top 100 Women of the Future (2022)
- Featured in Top 100 Women in Crypto, Crypto Curry Club (2020)
- Featured in Women in GovTech 2019 Special Report
- Awarded Top 10 Digital Frontier Women, UN Decade Of Women (2018)
- Awarded UN Decade Of Women Quantum Impact Champion (2018)
- Awarded Lattice Top 100 Fintech Influencers for SDGs (2018)

Publication Record

Peer Reviewed Journals

- 1986 Thomason, JA, Jenkins, CL, and Heywood PF. Child feeding patterns amongst the Au of the West Sepik, Papua New Guinea. *J Trop Pediatr* Vol 32, April.
- 1986 Thomason JA Heywood PF, Darnton-Hill I, Weegels P, and Parkua M. Growth of young children in Anguganak. *PNG Med J* Vol 29 (3), September, 213-220.
- 1988 Thomason JA Disbursement, decentralization and development: Lessons from the First Rural Health Services Project in Papua New Guinea. *Public Administration and Development*, 8 (4), 391-401.
- 1988 Thomason JA Strengthening the links between research and management. *PNG Med J*, 31: 225-227.
- 1988 Newbrander WC, Thomason JA Kolehmainen-Aitken R-L (et al), Management support for provinces: A programme for developing provincial management capabilities in Papua New Guinea. *Int J H Planning and Management* Vol 3, 45-55.
- 1988 Newbrander WC and Thomason JA Computerizing a national health system in Papua New Guinea. *Health Policy and Planning*, 3 (3): 45-55.
- 1989 Newbrander WC and Thomason JA Alternatives for financing health services in Papua New Guinea. *Health Policy and Planning*, 4(2): 131-140.
- 1989 Chae YM, Newbrander WC and Thomason JA Application of Goal Programming to Improve Resource Allocation for Health Services in Papua New Guinea. *Int J Health Planning and Management*, 4 (2): 81-95.
- 1990 Thomason JA and Newbrander WC. The challenges of maintaining a management development programme. *Public Administration and Development*, Vol 10:93-100.
- 1990 Thomason JA, Ake I and Biddulph M. Establishment of an inservice training programme for rural health workers in a decentralized system. *PNG Med J* 33 (1), March, 37-42.
- 1990 Garner P, Thomason JA and Donaldson D. Quality assessment in rural health facilities in Papua New Guinea. *Health Policy and Planning* 5(1),49-59.
- 1991 Thomason JA and Kolehmainen-Aitken R-L. Distribution and performance of rural health workers in Papua New Guinea. *Social Science and Medicine*, 32(2)159-165.
- 1991 Thomason JA and Newbrander WC. A survey of Papua New Guineas Health Sector Financing and Expenditure. *PNG Med J* 34:129-143.
- 1991 Thomason JA Health systems research and acute respiratory infections: Essential focus on the health system. *PNG Med J* 34(3), 215-219
- 1991 Thomason JA and Mitchell, M. Cost analysis in health planning and management in Papua New Guinea. *Asia Pacific Journal of Public Health* Vol 5, No 3: 239-244

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- 1991 Mitchell M, Thomason JA Donaldson D, and Garner P. The cost of rural health services in Papua New Guinea. *PNG Med J* 34(4).
- 1991 Thomason JA and Edwards K. Using Indicators to assess Quality of Hospital Services in Papua New Guinea. *International Journal of Health Planning and Management* Vol. 6, 309-324.
- 1992 Karel S, and Thomason JA Health Systems Research - A Key to Progress. *World Health Forum* 13(2-3):188-92.
- 1992 Cibulskis R, Crouch-Chivers P, Posonai E, Moni C, Thomason J. Knowledge-based systems for monitoring and evaluation of health services in developing countries. *Lancet* Vol 339; Feb 1, pp 310-311.
- 1992 Mulou N, Thomason JA and Edwards K. The rise of private practice: growing disquiet with public services? *PNG Med J* 35(3):7-14.
- 1992 Freeman P, Thomason JA and Bukenya. Factors Affecting Use of Immunization Among Urban Settlement Dwellers in Papua New Guinea. *PNG Med J* 35(3):179-85, Sep.
- 1993 Thomason JA. A Cautious Approach to Privatization in Papua New Guinea. *Health Policy and Planning* (forthcoming)
- 1993 Thomason JA and Karel S. Prospects for Quality Assurance in Papua New Guinea. (Editorial) *PNG Med J* 36(2):1-4.
- 1993 Thomason JA Quality of Health Services in Papua New Guinea. What do we know? *PNG Med J* 36(2):14-22
- 1993 Garner P and Thomason JA Setting Standards for Primary Health Care. *Tropical Doctor* 23.
- 1993 Cibulskis R, Crouch-Chivers P, Posonai E, Moni C, Thomason JA A knowledge based system for monitoring immunization coverage in Papua New Guinea. *International Journal of Health Planning and Management*. 8:59-69.
- 1993 Thomason JA and Karel S, Integrating National and District Health Planning in a Decentralized Setting. *Evaluation and Program Planning* Vol 17, No. 1.
- 1993 Thomason JA Mulou, N. and Bass C. User Charges for Rural Health Services in Papua New Guinea *Soc Sci Med* 39(8): 1105-15, Oct.
- 1995 Campos-Outcalt D, Kewa K, and Thomason JA Decentralization of Health Services in Western Highlands Province, Papua New Guinea *Soc Sci Med* 40(8): 1091-8, April.
- 1995 Thomason JA and Watters D. Quality Assurance in Surgery: patient perceptions of quality. *Tropical Geographical Medicine* Vol ; 47 (1): 35-37.

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- 1995 Beracochea E, Dickson R, Freeman P and Thomason JA Case Management Quality Assessment in Rural Areas of Papua New Guinea. *New Guinea Tropical Doctor* 25:69-74.
- 1997 Herrin A and Thomason JA Health Sector Reform in Asia: Policy and Research Issues. Asian Development Bank
- 1988 Kolehmainen-Aitken and Thomason JA A new national health plan for Papua New Guinea. in Landon N. (ed) *Developing World Health*, Grosvener Press International, Hong Kong.
- 1991 Thomason JA and Karel S. Utilization of cost analysis to improve health planning and management in Papua New Guinea. *From Research to Decision Making. Case studies on the use of health systems research. Programme on Health Systems Research and Development, WHO/SHS/HSR 91.2, WHO Geneva.* 119-126
- 1993. Cibulskis R, Crouch-Chivers P, Posonai E, Moni C, Thomason JA. A knowledge based system to encourage closer monitoring and evaluation of health services. In *Health Informatics in Africa - HELINA 93*. Eds. Mandil S, Moidu K, Korpela M, Byass P and Forster D. Elsevier Science Publishers, Amsterdam. p.134-139.
- 1997 Thomason J. 1997. Health sector reform in developing countries
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- 2009 Chapter 7 Policy Making in Health Jane Thomason and Pascoe Kase *PNG Medical Journal* 49:
- 2009 Thomason J, Kase P, Ndugwa N. Working together to get back to Report. *PNG Medical Journal* 49
- 2009 Health reform in Papua New Guinea and the Pacific. *PNG Medical Journal* 49: 69–75.
- 2009 Whittaker, M. & Thomason, J. (2009). Working together for a better future. *PNG Medical Journal*, 52,
- 2011 Thomason, J and Hancock, M 2011, "PNG mineral boom: harnessing the extractive sector to deliver better health Health Outcomes", *SSRN Electronic Journal*
- 2013 López A, Thomason J. Civil registration and vital statistics- everybody's business but nobody's business. *Lancet* 2013
- 2017 Thomason J. Blockchain: an accelerator for women and children's health? *Glob Heal J.* 2017;1(1):3-10. 42.

Books and Book Chapters

Books

- 2023 "Advancements in the New World of Web 3: A Look Toward the Decentralized Future" Jane Thomason and Elizabeth Ivwurie, IGI Global.
- 2021 "Applied Ethics in a Digital World" Ingrid Vasiliu-Feltes and Jane Thomason (Editors), IGI Global
- 2020 Thomason Jane, "Blockchainging the World", Kindle Edition.
- 2019 "Blockchain Technology for Global Social Change" Jane Thomason, Sonja Bernhardt, Tia Kansara, Nichola Cooper, IGI Global.
- 2018 "Gender Inequality and the Potential for Change in Technology Fields" Sonja Bernhardt , Jane Thomason November, 2018, IGI Global.
- 1991 Thomason JA, Newbrander WC and Kolehmainen-Aitken R-L. Decentralization in a Developing Economy: The experience of Papua New Guinea and its Health Services. Australian National University Press, Canberra.

Book Chapters

- 2021 Disintermediation Economics: The Impact of Blockchain on Markets and Policies 1st ed. 2021 Edition by Eva Kaili (Editor), Dimitrios Psarrakis Chapter 6: Blockchain for Growth: Applying DLTs to the UN Sustainable Development Goals" Jane Thomason.
- 2020 "HealthTech: Law and Regulation" Hardcover – 30 October 2020 by Jelena Madir (Editor) Chapter 9: " Technology and healthcare opportunities in emerging markets" Jane Thomason and Nichola Cooper.
- 2020 Thomason, Jane,et al. "Emerging Markets: The Innovative First Movers." Research Anthology on Blockchain Technology in Business, Healthcare, Education, and Government, edited by Information Resources Management Association, IGI Global, 2021, pp. 1857-1869.
- 2020 Thomason, Jane,et al. "Refugees and Humanitarian Settings." Research Anthology on Blockchain Technology in Business, Healthcare, Education, and Government, edited by Information Resources Management Association, IGI Global, 2021, pp. 1098-1113.

Books and Book Chapters

Book Chapters

- 2020 Thomason, Jane, et al. "Blockchain for Universal Health Coverage." Research Anthology on Blockchain Technology in Business, Healthcare, Education, and Government, edited by Information Resources Management Association, IGI Global, 2021, pp. 488-502.
- 2020 Thomason, Jane, et al. "Blockchain, the Digital State, and the New World Order." Research Anthology on Blockchain Technology in Business, Healthcare, Education, and Government, edited by Information Resources Management Association, IGI Global, 2021, pp. 1578-1592.
- 2020 Thomason, Jane, et al. "Can Blockchain Really Help the Poor?: If So, Who Is Trying To?" Research Anthology on Blockchain Technology in Business, Healthcare, Education, and Government, edited by Information Resources Management Association, IGI Global, 2021, pp. 1593-1621.
- 2018 "Transforming Climate Finance and Green Investment with Blockchains" Editor: Alastair Marke. Chapter 10: "Blockchain—Powering and Empowering the Poor in Developing Countries" Jane Thomason, Mira Ahmad, Pascale Bronder, Edward Hoyt, Steven Pocock, Julien Bouteloupe, Katrina Donaghy, David Huysman, Tony Willenberg, Ben Joakim, Loretta Joseph, David Martin and David Shrier.

WEB3 INSTITUTE



Web 3 Institute

| CPD Courses

Dr. Jane Thomason

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Advancements in the New World of Web3





Course Objectives

By the end of this program, the participant will be able to:

- Understand at a high level, Web3 and its current state of development.
- Describe the main types of Blockchains, Token Definitions, and key applications.
- Summarize the difference between DeFi and CeFi and risks and benefits.
- Evaluate the applications of Non-Fungible Tokens in Financial Services.
- Demonstrate through use cases, how the Banking and Finance Sector is deploying Blockchain.
- Explain specific applications of Blockchain for Financial Services.
- Describe the key risks and regulatory challenges of Blockchains.
- Understand the Metaverse, key use cases and future development.
- Summarize the relevant applications of Blockchain for Financial Services.

Module 1: Web3 Foundations

1. Introduction to Blockchain.
2. Outline Token Classification.
3. Introduce Major Platforms.
4. Outline the Blockchain Ecosystem and some of the current challenges.

Module 2: Technical Foundations

1. Explore the blockchain trilemma, layers, and limitations of the blockchain ecosystem.
2. Explain consensus mechanisms in relation to security, scalability, and decentralization.

Module 3: Defi and the Role of Blockchain in Payments

1. Summarize the background to blockchain and digital assets and financial applications.
2. Explain Central Bank Digital Currencies and current state.
3. Summarize the use of stable coins.
4. Examine the leading blockchain protocols relevant to DeFi will be provided.
5. Explain the difference between centralized and decentralized exchanges.
6. Compare and contrast DeFi and CeFi.



Module 4: DAOs – Code Governed Organizations

1. Explain Decentralized Autonomous Organizations (DAOs) and their use in DeFi applications.
2. Explore Governance challenges of DAOs and how they are being addressed.
3. Understand the risks and opportunities of this emerging form of code-led governance.

Module 5: Non-Fungible Tokens

1. Explain NFTs, how to make them, and why they have become popular.
2. Describe the sectors that are deploying NFTs.
3. Consider opportunities and risks.
4. Explore future use cases of NFTs in the financial sector.

Module 6: Metaverse

1. Describe the four leading proponents of Metaverse development.
2. Demonstrate through use cases, the sectors that are adopting Metaverse.
3. Explain specific applications of Metaverse for industry segments.
4. Describe the key risks and ethical issues of the Metaverse.

Module 7: Applications and Impact of Blockchain in Banking and Finance

1. Describe how tokenization will transform industries.
2. Examine case studies in Banking and Financial Services.
3. Review risks and opportunities in Banking and Finance.

Module 8: Regulatory and Policy Considerations

1. Explain the current regulatory landscape.
2. Review Smart-Contract Risk.
3. Review Governance Risk.
4. Review Regulatory Risk.
5. Outline elements of a regulatory framework for digital assets.

Module 9 Top 10 Challenges

1. Discuss and review the top challenges for Blockchain and Digital Assets.
2. Explore ways to mitigate and manage those challenges.



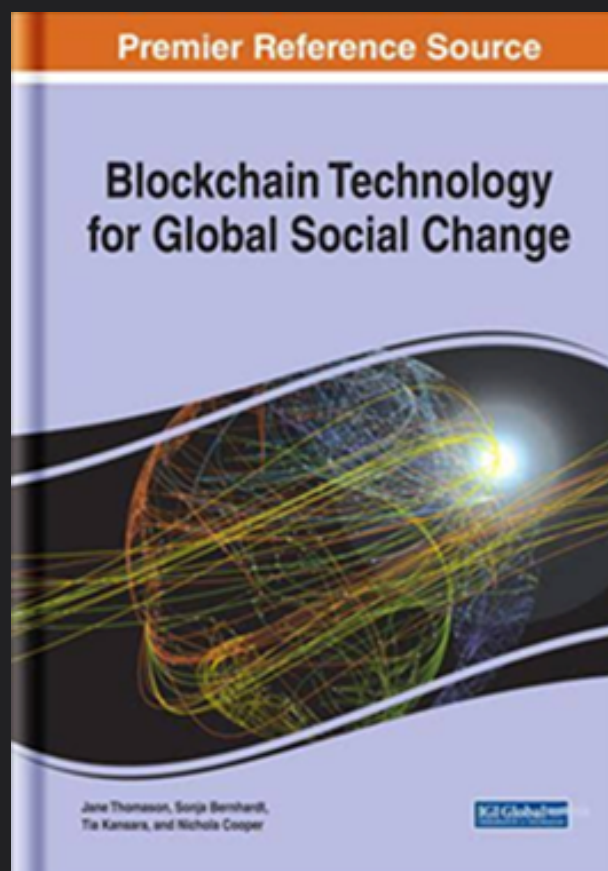
Module 10: Risks and Opportunities of New Technologies

1. Summarize the key learnings of the Program.
2. Synthesize the key risks of Blockchain and Digital Assets.
3. Outline the critical risks for Blockchain and Digital Assets.
4. Suggest areas of focus for future exploration and research.

Module 11: The Web3 Gaming Economy

1. Describe the state, size, and geography of Web 3 Gaming.
2. Explore Play and Earn Games.
3. Explain GameFi.
4. Review case studies of Web 3 Gaming.
5. Review challenges and opportunities in Web3 Gaming.

Blockchain for Climate Action





Course Objectives

By the end of this program, the participant will be able to:

- Examine the emerging digital technology and its implications on global climate change action - referring to international climate agreements and frameworks.
- Explain key blockchain affordances for climate action.
- Demonstrate through use cases the key types of Green Digital Asset Solutions and their application; Smart Grid Management and P2P Energy Trading; NFTs and Gamification; and Tokenization for climate action.
- Explain specific blockchain applications for verification, measurement, and reporting.
- Develop a blockchain for climate action strategy for their company, a country, or a hypothetical DAO (decentralized autonomous organizations) for climate action.

Module 1: Course Introduction

This Module provides an overview of the critical deployments of blockchain for climate action.

1. A Framework for Climate Action
2. Green digital asset solutions
3. Smart Grid Management
4. NFTs and Gamification
5. Tokenization of Carbon Offsets
6. Verification, measurement, and reporting
7. DAO for Climate Action

Module 2: Green Digital Asset Solutions

This Module will provide a detailed introduction to Green Digital Asset Solutions and practical examples of use cases.

1. Carbon markets
2. Green Blockchains
3. Green tokens and green crypto
4. Green STO issuance

Module 3: Smart Grid Management and P2P Energy Trading

This Module will examine Blockchain's implementation in smart grids in decentralized energy markets, allowing for the P2P trade of power reliably and transparently.



1. P2P energy trading
2. Smart grids
3. Energy marketplaces
5. Solar energy and prosumers in rural settings

Module 4: Tokenization of Carbon Credits, NFTs, and Gamification

This Module will examine how NFTs and gamification are being leveraged for climate change with initiatives ranging from awareness-raising to fundraising and as an immutable record for impact and carbon credits.

1. Carbon markets and tokenization of carbon credits
2. NFTs
3. Digital Art 4 Climate
4. Gamification and net zero

Module 5: Verification, Measurement and Reporting

This Module examines how Blockchain will be a critical tool for measurement and reporting combined with AI and IoT with large-scale interconnected databases (e.g., climate, water, land) to develop action for desertification and deforestation and predict weather events and trends.

Module 6: DAO for Climate Action

This Module will elaborate on how Blockchain can create new digital economies which unite and economically align people around a common purpose. It is possible to develop economies that value climate action.

1. Introduction to DAOs
2. DAO for global commons
3. Climate case study

Metaverse Ethics





Course Objectives

By the end of this program, the participant will be able to:

- Understand digital ethics and their application to Metaverse.
- Describe the different approaches to Metaverse and their differences.
- Analyze the ethical issues related to privacy concerns and the relevance of GDPR to Metaverse.
- Describe the ethical issues related to digital identity and self-sovereign identity.
- Consider the ethical considerations for corporations and industry.
- Understand relevant ethical issues related to content ownership and control of virtual assets.
- Describe ethical issues associated with IP, trademarks, and copyrights issues for Metaverse.
- Analyze the ethical implications of the metaverse for society and its impact on the environment.
- Consider the ethical issues related to mental health and well-being impacts.

Module 1: Fundamentals of Digital Ethics

1. Digital Ethics
2. Generational Trends
3. Ethics By Design

Module 2: Introduction to Metaverse

1. Value of Metaverse
2. Metaverse and MetaFi
3. Metaverse Components
4. Who is building Metaverses?
5. Metaverse Assets

Module 3: Ethics and Technology Stack

1. Data Ethics: Privacy Concerns and General Data Protection
2. Key Ethical Issues
3. Key Data Ethics Questions
4. Security
5. How will virtual crimes be considered in comparison to offline ones?
6. Data Breaches
7. Privacy
8. Ethical Data Governance
9. Digital Informed Consent
10. Data Tracking
11. Interoperability



12. Digital identity and representation

Module 4: Ethics and Metaverse Applications

1. Decentralised Finance (DeFi) and DAOs
2. DeFi governance
3. Content ownership and control of virtual assets
4. IP, Trademarks and Copyrights
5. Encoding NFT Rights
6. Intellectual Property Rights

Module 5: Metaverse, Ethics, and Society

1. Metaverse and ESG

Module 6: Ethical Considerations for Government, Companies & Users

1. What does that mean for corporations?
2. Cloud Security
3. Institutions and Society
4. Corporate Ethics in the Digital Era
5. Ethics as a Competitive Advantage
6. Future Digital Ethics
7. Creating a Demand for Ethics
8. Ethics Governance
9. Digital Ethics Framework
10. Approaches to Digital Ethics
11. Ethical Leadership in the Digital Era

Get in Touch



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