

Curriculum Vitae Ype Wijnia



Contactgegevens

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Profiel

Ype heeft ruim 12 jaar ervaring op het gebied van asset en risk management voor de energie infrastructuur. Als promovendus aan de faculteit Techniek, Bestuur en Management doet hij onderzoek naar het ontwerp en de organisatie van de besluitvorming in asset intensieve sectoren, met een focus op energiedistributie. Vanaf 1999 heeft Ype een leidende rol gehad in het ontwerp van het proces en de organisatie van de afdeling asset management van Essent Netwerk (tegenwoordig Enexis). Dit had tot resultaat dat Essent Netwerk als tweede bedrijf in de wereld zijn asset management proces gecertificeerd kreeg tegen PAS55, de publieke specificatie voor het geoptimaliseerde management van fysieke assets. Ype heeft ook enige baanbrekende studies uitgevoerd, zoals bijvoorbeeld de veiligheidsindicator voor het gasnetwerk, de lange termijn optimalisatie van de vervangingsinvesteringen, en een kwantitatieve risico analyse voor IT systemen. De breedte van zijn vaardigheden maken Ype tot een onmisbare expert in multidisciplinaire projecten in asset management in de kapitaalintensive sector.

Sinds 2007 is Ype adviseur op het gebied van risico en asset management.

Projecten/studies

- Essent Netwerk (nu Enexis): Procesontwikkeling en inrichting Essent Netwerk
- Essent Netwerk (nu Enexis): Ontwikkeling veiligheidsindicator Gasdistributie
- Essent Netwerk(nu Enexis): Lange termijn optimalisatie van de vervangingen
- Essent Netwerk(nu Enexis): Implementatie van portfolioebeslissingen
- Essent Netwerk(nu Enexis): Analyse Business Continuity risico's in de IT systemen
- Enexis: Studie over de inpasbaarheid van elektrische voertuigen
- Infrac: Inrichting asset management proces
- Infrac: Inrichting risico management proces
- Infrac: Studie naar vervangingsinvesteringen voor de distributienetten
- Infrac: Business Case voor de invoering van slimme meters
- Energiekamer: Studie naar methoden om lijn en pijp gerelateerde kosten te bepalen
- Zebra: Risico analyses hogedruk gasleidingen

Bijzonderheden

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|------------|--|
| 2011: | Lid van de industriële programmacommissie voor de conferentie Complex System Design & Management van december 2011 in Parijs |
| 2010&2012: | Nederlands coördinator voor de Master Thesis Award van de "European Federation of National Maintenance Societies" |
| 2009: | Schema "Risicomanagementcyclus" (figuur a.2) opgenomen in NTA 8120 |
| 2007/2008: | Lid review panel voor Pas55:2008 |
| 2007: | Best Paper Award voor "Evaluation of the Pugh Controlled Convergence Method" |
| 2007: | Oprichter van het Asset Management Platform, Nederland |
| 2006: | Finalist van de Asset Management Innovation Award, Institute of Asset Management, Verenigd Koninkrijk |
| 2005/2006: | Reviewer voor het Competency Model van het Institute of Asset Management |
| 2001: | Finalist van de Utilities Young management Award, Accenture, Nederland |

Sectoren

- Energieproductie en netwerkbedrijven,
- Riolering
- Kabeltelevisie
- IT infrastructuur

Publicaties

P.M. Herder and Y.C. Wijnia, "A systems View On Infrastructure Asset Management", in *Asset Management: The State of the Art in Europe from a Life Cycle Perspective*, Dordrecht, 2012

Telli Van der Lei, Paulien Herder and Ype Wijnia (editors), "Asset Management: The State of the Art in Europe from a Life Cycle Perspective", published in series *Topics in Safety, Risk, Reliability & Quality*, Dordrecht, 2012

Ype Wijnia, John de Croon and Jayantha P. Liyanage, "Application Of A Unified Reference Model Across Asset Types: Comparative Cases", presented at the 6th World conference on engineering asset management Cincinnati, United States of America, 2011.

Ype Wijnia, John de Croon and Jayantha P. Liyanage, "Towards An Asset Management Reference Model: Basis For A Unified Approach", presented at the 6th World conference on engineering asset management Cincinnati, United States of America, 2011.

Y. C. Wijnia, R. J. M. Hermkens, and J. Flonk, "The Safety Indicator: Measuring Safety in Gas Distribution Networks," in *Definitions, Concepts and Scope of Engineering Asset Management vol. 1*, J. E. Amadi-Echendu, K. Brown, R. Willett, and J. Mathew, Eds. London: Springer, 2011.

Y. C. Wijnia, "Asset Risk Management: Issues in the design and use of the risk matrix," presented at the 5th World conference on engineering asset management Brisbane, Australia, 2010.

Y. C. Wijnia, "Asset Management for Infrastructures in Fast Developing Countries," presented at the international conference on Infrastructure systems 2009: Developing 21st century Infrastructure Networks, Chennai, 2009.

Y. C. Wijnia and P. M. Herder, "The State of Asset Management in the Netherlands," presented at the World Conference on Engineering Asset Management, Athens, 2009

Y.C. Wijnia, J.C.F.M. Peters, "Integrating sustainability into Risk Based Asset Management", presented at the 1st IEEE/NGI conference on the future of infrastructures, Rotterdam, The Netherlands, 2008

Y.C. Wijnia, P.M. Herder, M.S. Korn, E. Veldman and M. Poorts, "Long term risk management for infrastructures: problems in the use of the Net Present Value Criterion", presented at the 3rd World Conference on Engineering Asset Management (WCEAM 2007), Beijing, China, 2008.

Y.C. Wijnia, "Assessing Business Continuity risk in IT", presented at the 2007 IEEE International Conference on Systems, Man and Cybernetics, Montreal, Canada, 2007

D. Frey, P.M. Herder, Y.C. Wijnia, E. Subrahmanian, K. Katsikopoulos, D.P. Clausing, "Evaluation of the Pugh Controlled Convergence Method", presented at the 19th International Conference on Design Theory and Methodology, Las Vegas, United States of America, 2007.

Y. C. Wijnia, "The Human factor in Asset Management Process development," presented at 2nd World Conference on Engineering Asset Management (WCEAM 2007), Harrogate, United Kingdom, 2007.

Y. C. Wijnia and J. Huisma, "Changing behaviour for effective Asset Management," presented at 2nd World Conference on Engineering Asset Management (WCEAM 2007), Harrogate, United Kingdom, 2007.

Y. C. Wijnia, R. Hakvoort, and H. M. de Jong, "Financing the replacements of energy infrastructures," presented at 30th IAEE Annual International Energy conference 2007: From Restructuring to Sustainability: Energy Policies for the 21st Century, Wellington, New Zealand, 2007.

Y. C. Wijnia, M. S. Korn, S. Y. de Jager, and P. M. Herder, "Long Term optimization of asset replacement in energy infrastructures," presented at 2006 IEEE Conference on Systems, Man, and Cybernetics, Taipei, Taiwan, 2006.

Y. C. Wijnia and R. J. M. Hermkens, "Measuring safety in gas distribution systems," presented at First World Congress on Engineering Asset Management (1st WCEAM), Brisbane, Australia, 2006.

Y. C. Wijnia, J. Flonk, and R. J. M. Hermkens, "Reliability in the gas distribution infrastructure," presented at Seminar Reliability, Delft, 2006.

Y. C. Wijnia and J. P. Warners, "Prioritizing investment. The value of portfolio decisions in electricity infrastructure management," presented at 29th IAEE Annual International Energy Conference 2006: 'Securing Energy in Insecure Times', Potsdam, 2006.

H. P. A. Knops, V. S. Ajodha, and Y. C. Wijnia, "Quality Regulation of Electricity Distribution Companies: Is Everything under Control?," in *European Energy Law Report III*, M. Roggenkamp and U. Hammer, Eds. Antwerpen: Intersentia, 2006.

M. Masera, Y. C. Wijnia, L. J. de Vries, C. Kuenzi, M. Sajeva, and M. P. C. Weijnen, "Governing Risks in the European Critical Electricity Infrastructure," in *Critical Infrastructures at Risk, Securing the European Electric Power System*, A. V. Gheorghe, M. Masera, L. J. de Vries, and M. P. C. Weijnen, Eds. Dordrecht: Springer, 2006.

Y. C. Wijnia and J. P. Warners, "Portfolio planning part 3," Strategic asset management, pp. 19-20, 2006.

Y. C. Wijnia and J. P. Warners, "Portfolio planning part 2," Strategic asset management, pp. 11-12, 2006.

Y. C. Wijnia and J. P. Warners, "Portfolio planning part 1," Strategic asset management, pp. 3-4, 2006.

Y. C. Wijnia and J. P. Warners, "Asset Management is a strange Business," Strategic asset management, pp. 2, 2006.

Y. C. Wijnia and P. M. Herder, "Options for real options: Dealing with uncertainty in investment decisions for electricity networks," presented at International conference on Systems, Man and Cybernetics, Hawaii, 2005.

Y. C. Wijnia, "Asset management for dummies: Skills Development, Education and Motivation in a changing AM environment," presented at IAM Exchange, 2005.

Y. C. Wijnia, "Risky business," in *Assets*, 2005, pp. 8-12.

Y. C. Wijnia, "The Challenges of a risk based asset management organisation," Strategic asset management, pp. 832-837, 2004.

Y. C. Wijnia and P. M. Herder, "Modeling Interdependencies in electricity infrastructure risk," presented at 1st Annual CZAEE International Conference "Critical Infrastructure in the energy sector: Vulnerabilities and protection", Prague, 2004.

Y. C. Wijnia, "The challenges of building a risk based Asset Management organisation," presented at IAM Exchange, London, 2004.

Y. C. Wijnia, J. d. Croon, and W. t. Meerman, "Ketenomkering bij Essent Netwerk Noord," in *Energie&Techniek*, vol. 7_8, 2003, pp. 32-35.

Spreker op seminars

- Asset Management in de energiesector, gastcollege op Hogeschool van Amsterdam, 14 december 2011
- "Het strategisch belang van denken in risico's", Conferentie Asset Life Cycle Management (IIR), 7 en 8 juni 2011, WTC in Rotterdam
- "The Risk management Adventure", T&D Europe, 29-31 maart 2010, Amsterdam
- "Risk driven investment decisions", 4th Annual Utilities Asset Management Forum (Marcus Evans), 11-12 februari 2010, Amsterdam,
- "Infrastructure replacement: an asset management perspective", Workshop Regulation, Investments and Quality of Energy Networks (Energiekamer), 2009
- "Risicomanagement voor ondergrondse infrastructuur", Conferentie voor Ondergrondse Infrastructuur (IIR), 24 september 2008, Spijkenisse
- "Business Continuity in de energievoorziening", BCM Heliview, 23 mei 2007, utrecht
- "De inrichting van het Risk Based Asset Management Process", ASM conferentie

- Heliview, 15 november 2006, Hoevelaken
- "Asset Management for dummies", Infrastructure Asset Management Exchange, 21-22 september 2005, Londen
- "Challenges of building a risk based asset management organization", Infrastructure asset management Exchange, 28-29 september 2004
- Risk management driven Asset Management. In samenwerking met John de Croon. Congres Industrial Business Conference van 'Federatie Het Instrument' (FHI), 2003, Rotterdam

Opleiding en training

- PhD (in progress) over Risk Based Asset Management
- Technische Bestuurskunde, Technische Universiteit Delft, faculteit Techniek, Bestuur en Management

Talen

- Nederlands
- Engels
- Duits