

PERSONAL INFORMATION

NAME	ALBERTO PIVATO
ADDRESS	56, via Sambughè 31050 Camalò di Povegliano (TV)
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LINKEDIN	Alberto Pivato
E-MAIL	alberto.pivato@unipd.it alberto.pivato@ingpec.eu
NATIONALITY	Italian
FAMILY STATUS	Unmarried
BIRTH PLACE AND DATE	Conegliano(TV), Italy, January 12 nd 1976 - Italy

WORK EXPERIENCE

- 2015-2016. Affiliated Professor at Padova University (IT). Course: “Environmental Project”
- 2009-2016. Affiliated Professor at Padova University (IT). Course: “Ecotoxicology”
- 2014. Visting Professor at University of Youndè (Camerun) (Project duration: 3 months)
- 2014. Assistant for the course “Site Remediation” - University of Youndè (Camerun)
- 2004-2014. Consultant for Teseo Ingegneria, company on services of environmental engeenering
- 2004-2014. Partner of “Pivato Studio Tecnico”, service company on civil and environmental engennering
- 2008-2009. Affiliated Professor at Padova University (IT). Course program: “Waste recovery”

EDUCATION AND TRAINING

- 2002-2005. Doctor of Philosophy (PhD) in Environmental Engineering. University of Padova (Italy). Thesis title: “Environmental Sustainability of Landfills: Performance-based methodology for assessing the aftercare end-point”
- 2004 (6 months). Technische Universität Hamburg-Harburg (DE). Visiting PHD student.
- 2003 (3 months). Danmarks Tekniske Universitet (DK). Visiting PHD student.
- April 2001: Master-level degree course in **Environmental Engineering**

at **Padova University**. Thesis title: "Risk analysis of the industrial area of Marghera (VE)"

- September 1993 - June 1997: graduated from Scientific High School "Leonardo Da Vinci" (Treviso).

RESEARCH ACTIVITIES

RESEARCH FIELD

Ecotoxicology; Waste Management; Environmental Impact Assessment; Risk Analysis; Site Remediation; Anaerobic Digestion; Air pollution Control; Environmental Forensic Engineering

JOURNAL PAPER, NATIONAL AND
INTERNATIONAL CONFERENCE,
WORKSHOP PAPERS, BOOKS

1. Pivato A. 2002. Emissioni di Lungo Periodo. In Atti del seminario SEP Pollution. Padova, 20-23 Marzo 2002.
2. Cossu R. and A. Pivato. 2002. Produzione di Percolato e di Biogas. In Atti del seminario di aggiornamento "La bonifica delle vecchie Discariche. Padova, 10-12 giugno 2002.
3. Pivato A. 2002. Emissioni di lungo periodo dalle discariche. In Atti del seminario di aggiornamento "La bonifica delle vecchie Discariche. Padova, 10-12 giugno 2002.
4. Cossu R., R. Raga, A. Pivato and D. Rossetti. 2002. Stabilizzazione in situ di una parte della discarica RSU2 di Modena. In Atti del seminario di aggiornamento "La bonifica delle vecchie Discariche. Padova, 10-12 giugno 2002.
5. Cossu R., R. Raga, D. Rossetti and A. Pivato. 2002. The Mechanical-Biological Treatment: The PAF model. In Proceedings of the International Conference On Integrated Management Of Resources And Waste In The European Union, Santander, 23th October 2002.
6. Cossu R. and A. Pivato. 2002. Ruolo e Tecniche Costruttive Della Copertura Finale Delle Discariche. In "l'Ingegnere e l'Architetto".1-12 / 2002.
7. Cossu R and A. Pivato. 2003. L'analisi di Rischio Applicata agli Impianti di Interramento dei Rifiuti. In Atti del seminario di aggiornamento Corso sull' Analisi di Rischio di Siti Contaminati. Roma 25/26 Giugno 2003.
8. Cossu R, A. Pivato and R. Raga. 2003. Preliminary Risk Assessment of Old Landfills In Italy. In Proceedings of the International Conference on Environmental Health Risk 2003. Catania, 17-19 September 2003.
9. Pivato A. 2003. An Overview of the fundamentals of risk assessment applied to the aftercare landfill impact: In Proceedings of the International Conference Sardinia 2003, S. Margherita di Pula (CA) 6-10 October 2003.
10. Cossu R., A. Pivato and R. Raga. 2003. Application of the Evapassold Risk Model to Old Landfill in South Europe. In Proceedings of the International Conference Sardinia 2003, S. Margherita di Pula (CA) 6-10 October 2003.
11. Pivato A. 2004. Il Rischio Probabilistico: un modello decisionale per la gestione sostenibile delle discariche. In atti del Seminario-Workshop "La Nuova Discarica Controllata. Praglia - Teolo (Padova), 19-21 Maggio 2004.
12. Cossu R., A. Pivato and R. Raga. 2004. Attenuazione naturale del carico inquinante del percolato nella bentonite. In Proceedings "Simposio Internazionale di Ingegneria Sanitaria Ambientale. Taormina, 23-26 Giugno 2004.
13. Cossu R., A. Pivato and L. Gaspari. 2004. Acute ecotoxicological effects of Ammonia. In Seminario di Aggiornamento "Caratterizzazione e Bonifica delle vecchie discariche". Isola di Albarella, Rovigo, 16-17 Settembre 2004.
14. Cossu R., A. Pivato and R. Raga. 2004. The mass balance: a supporting tool for a sustainable landfill management. In proceedings of the 3rd Asian Pacific Landfill Symposium organized by APLAS. Kitakyshu, Japan. 27-29 October 2004.
15. Pivato A. and P. Luria. 2005. La caratterizzazione del rischio di siti contaminati. In Siti Contaminati, 2, 2005.
16. Pivato A and R. Raga. 2005. System Reliability: Assessment of Landfill Liner Failure. Accepted by First BOKU International Waste Management Conference. Boku University, Wien, 4-7 april 2005.
17. Cossu R., A. Pivato and R. Raga. 2005. The mass balance: a supporting tool for a sustainable landfill management. In International Workshop on Landfills Grenoble.
18. Pivato A. and J.W.F. Morris. 2005. Performance-Based Methodology for Assessing the Aftercare Endpoint of Landfills. In proceedings of the International Seminar and Workshop "the Sustainable Landfilling". Abbey of Praglia, Teolo (Padua), 13-15 June 2005.
19. Pivato A. and R. Cossu. 2005. Groundwater risk analysis of landfills. In proceedings of the International Seminar and Workshop "the Sustainable Landfilling". Abbey of Praglia, Teolo (Padua), 13-15 June 2005.
20. Pivato A. 2005. Acute toxicity test of leachates from traditional and sustainable landfills. In proceedings of the International Seminar and Workshop "the Sustainable Landfilling". Abbey of Praglia, Teolo (Padua), 13-15 June 2005.

21. Pivato A. and R. Raga. 2005. Modelling residual leachate leakage from landfills: the ammonium case study. In proceedings of the International Seminar and Workshop “the Sustainable Landfilling”. Abbey of Praglia, Teolo (Padua), 13-15 June 2005.
22. Cossu R., A. Pivato, R. Raga and M. Zane. 2005. Attenuazione naturale del flusso di biogas nella copertura superficiale delle discariche. In *Rifiuti Solidi* (ISSN:0394-5391). 4, 2005.
23. Pivato A. and R. Raga. 2006. Tests for the evaluation of ammonium attenuation in MSW landfill leachate by adsorption into bentonite in a landfill liner. In *Waste Management*. Elsevier. 26 (2), 123-132.
24. Pivato A. and L. Gaspari. 2006. Acute toxicity test of leachates from traditional and sustainable landfills using luminiscent bacteria. In *Waste Management*. Elsevier. 26 (10), 1148-1155.
25. Pivato A. 2006. Emissioni di lungo periodo e strategie di gestione del post-esercizio. In atti del Seminario-Workshop “Tecnologie per la riduzione degli impatti e la bonifica delle discariche”. Montegrotto (Padova). 7-9 Giugno 2006.
26. Pivato A., R. Cossu 2007. Emissioni di lungo periodo del post-esercizio delle discariche controllate. R.S. *Rifiuti Solidi*. 2-2007.
27. Pivato A. 2007. Analysis of landfill liner failure. In “Landfill Research Focus”. Edited by Ernest C. Lehmann. Published by Nova Publisher.
28. Giovanni Mangione (Coordinatore del progetto), ph. d.ing Alberto Pivato, pianif. Fabio Roman, Dr. Roberto Ceccato. 2007. Riorganizzazione delle aree produttive in provincia di Treviso. Pubblicato nel Catalogo del premio per l’urbanistica e la pianificazione territoriale “Piccinato, 2007 – Progettare la Complessità”
29. Giovanni Mangione (Coordinatore del progetto), ph. d.ing Alberto Pivato, pianif. Fabio Roman, prof. Stefano Vanin, Provincia di Treviso. 2007. Strategie per il parco urbano della Storga. Pubblicato nel Catalogo del premio per l’urbanistica e la pianificazione territoriale “Piccinato, 2007 – Progettare la Complessità”.
30. Lavagnolo M. C. and A. Pivato. Problematiche di postgestione delle discariche per rifiuti solidi urbani. In *Recycling*, Luglio 2008 n. 61 anno XII. Edizioni PEI Srl.
31. Pivato A. 2011. Landfill liner failure: an open question for landfill risk analysis. *Journal of Environmental Protection*. Vol.2 No.3, May 2011.
32. Pivato A., S. Vanin, L. Palmeri, A. Barausse, G. Mangione, M. Rasera, M. Gianluca. 2012. La biopotenzialità come indicatore di compensazione ambientale di opere di ingegneria: un caso di studio l’impianto di compostaggio di Trevignano. In *Rifiuti Solidi* (ISSN:0394-5391). N.1, 23-31.
33. Pivato A., S. Vanin, L. Palmeri, A. Barausse, G. Mangione, M. Rasera, M. Gianluca. 2013. Biopotentiality as an index of environmental compensation for composting plants. In *Waste Management*. Elsevier. 33: 1607–1615.
34. Franco A., A. Lombardo, A. Barausse, A. Pivato, S. Marshall. 2013. Development of a river food web model for use in risk assessment of chemicals discharged via wastewater effluents. Poster presented in CREAM Open Conference, 10-13 June 2013.
35. Pivato A. 2013. Deriva dei Fitofarmaci: nuovo approccio alla caratterizzazione del rischio legato all’inalazione dei pesticidi da parte della popolazione: applicazione al caso di studio di un vigneto dell’area Prosecco DOCG. In *Rivista degli Ingegneri di Treviso*.
36. Pivato Alberto, Roberto Raga, Stefano Vanin, Matteo Rossi. 2014. Assessment of compost quality for its environmental safe use by means of ecotoxicological test on soil organism. In *Journal of Material Cycles and Waste Management*, Volume 16, Issue 4, pp 763-774
37. Pivato A., M.C. Lavagnolo, R. Raga, J. Giroto. 2014. Ecotoxicological assessment of compost used for agriculture purpose. In Proceedings of SUM2014 “Second Symposium on Urban Mining, 19-21 May 2014
38. Pivato A, S. Vanin, M.C. Lavagnolo, R. Raga. 2014. Insects for life: a new international collaboration for manure management and biofuel production using maggots. In proceedings of Venice Symposium. 17-20 november 2014.
39. Lombardo A., A. Franco, A. Pivato, A. Barausse. 2015. Food web modeling of a river ecosystem for risk assessment of down-the-drain chemicals: A case study with AQUATOX. In *Science of the Total Environment* 508 (2015) 214–227.
40. Alberto Pivato, Alberto Barausse, Francesco Zecchinato, Luca Palmeri, Roberto Raga, Maria Cristina Lavagnolo, Raffaello Cossu. 2015. Modelling pesticide drift from a vineyard for a risk analysis application. In *Atmospheric Environment* 111 (2015): 136 -150. (ISSN: 1352-2310).
41. CTTC (Comitato Tecnico Terreni Contaminati). 2015. Bonifica dei terreni contaminati. Osservazioni critiche, linee guida e proposte normative. Le linee guida del Sole 24 ore. A cura di Raffaello Cossu. Contributo Specialistico. ISBN 978-88-6345-603-5.
42. Pivato, A. Pedrocco, P., Mangione, G., Vanin, S., Giacomazzi, S. 2015. Recupero e riqualificazione delle aree produttive in provincia di Treviso. In *Agribusiness Paesaggio & Ambiente* -- Vol. XVIII - n. 3, Marzo 2015
43. Raga, R., Cossu, R., Heerenklage, J., Pivato, A., Ritzkowski, M., 2015. Landfill aeration for emission control before and during landfill mining. *Waste Manag.* 46, 420–429. doi:10.1016/j.wasman.2015.09.037
44. Pivato, A., Raga, R., Lavagnolo, M.C., Vanin, S., Barausse, A., Palmeri, L., Cossu, R., 2016.

- Assessment of compost dosage in farmland through ecotoxicological tests. *J. Mater. Cycles Waste Manag.* 18, 303–317. doi:10.1007/s10163-014-0333-z
45. Pivato, A., Vanin, S., Raga, R., Lavagnolo, M.C., Barausse, A., Rieple, A., Laurent, A., Cossu R., 2016 Use of digestate from a decentralized on-farm biogas plant as fertilizer in soils: An ecotoxicological study for future indicators in risk and life cycle assessment. *Waste Management Journal.* 49, pp. 378–389. Doi:10.1016/j.wasman.2015.12.009.
46. Grechi, L., Franco, A., Palmeri, L., Pivato, A., Barausse, A., 2016. An ecosystem model of the lower Po river for use in ecological risk assessment of xenobiotics. *Ecol. Modell.* 332, 42–58. doi:10.1016/j.ecolmodel.2016.03.008
47. Lavagnolo, M.C., Malagoli, M., Garbo, F., Pivato, A., Cossu, R., 2016. Lab-scale phytotreatment of old landfill leachate using different energy crops. *Waste Manag.* 55, 265–275. doi:10.1016/j.wasman.2016.06.016
48. Lavagnolo, M.C., Malagoli, M., Alibardi, L., Garbo, F., Pivato, A., Cossu, R., 2016. Use of oleaginous plants in phytotreatment of grey water and yellow water from source separation of sewage. *J. Environ. Sci. (China)* 55, 274–282. doi:10.1016/j.jes.2016.08.013
49. Morello, L., Cossu, R., Raga, R., Lavagnolo, M.C., Pivato, A., 2016. Recirculation of reverse osmosis concentrate in lab-scale anaerobic and aerobic landfill simulation reactors. *Waste Manag.* doi:10.1016/j.wasman.2016.07.030
50. Peng, W., Pivato, A., Cossu, R. 2016. Back to Earth Alternatives for sustainable management of digestate from organic fraction of municipal solid waste and food waste. In *Proceedings Venice2016, Sixth International Symposium on Energy from Biomass and Waste*, 14 - 17 November 2016. CISA Publisher, Italy.
51. Rafieenia, R., Lavagnolo, M.C., Pivato, A., 2017. Pre-treatment technologies for dark fermentative hydrogen production: Current advances and future directions. *Waste Manag.* doi:10.1016/j.wasman.2017.05.024
52. Giroto, F., Pivato, A., Cossu, R., Nkeng, G.E., Lavagnolo, M.C., 2017. The broad spectrum of possibilities for spent coffee grounds valorisation. *J. Mater. Cycles Waste Manag.* 1–7. doi:10.1007/s10163-017-0621-5
53. Rafieenia, R., Giroto, F., Peng, W., Cossu, R., Pivato, A., Raga, R., Lavagnolo, M.C., 2017. Effect of aerobic pre-treatment on hydrogen and methane production in a two-stage anaerobic digestion process using food waste with different compositions. *Waste Manag.* 59, 194–199. doi:10.1016/j.wasman.2016.10.028
54. Pivato, A., Di Sante, M., Moretto, C.G., 2017. Risk assessment: A hindrance or a help to landfill management? *Waste Manag.* 63, 1–2. doi:10.1016/j.wasman.2017.04.029
55. Pivato, A., Lavagnolo, M.C., Manachini, B., Vanin, S., Raga, R., Beggio, G., 2017. Ecological risk assessment of agricultural soils for the definition of soil screening values: A comparison between substance-based and matrix-based approaches. *Heliyon* 3, e00284. doi:10.1016/j.heliyon.2017.e00284
56. Pivato, A., Lavagnolo, M.C., Manachini, B., Raga, R., Beggio, G., Vanin, S., 2017. Acute toxicity tests using earthworms to estimate ecological quality of compost and digestate. *J. Mater. Cycles Waste Manag.* 1–9. doi:10.1007/s10163-017-0619-z
57. Morello, L., Raga, R., Lavagnolo, M.C., Pivato, A., Ali, M., Yue, D., Cossu, R., 2017. The S.An.A.® concept: Semi-aerobic, Anaerobic, Aerated bioreactor landfill. *Waste Manag.* doi:10.1016/j.wasman.2017.05.006
58. Cossu, R., Fantinato, G., Pivato, A., Sandon, A., 2017. Further steps in the standardization of BOD 5 /COD ratio as a biological stability index for MSW. *Waste Manag.* doi:10.1016/j.wasman.2017.06.035
59. Raga, R., Pivato, A., Lavagnolo, M.C., Megido, L., Cossu, R., 2017. Methane oxidation and attenuation of sulphur compounds in landfill top cover systems: Lab-scale tests. *J. Environ. Sci.* doi:10.1016/j.jes.2017.06.040
60. Giroto, F., Lavagnolo, M.C., Pivato, A., 2017. Spent Coffee Grounds Alkaline Pre-treatment as Biorefinery Option to Enhance their Anaerobic Digestion Yield. *Waste and Biomass Valorization* 0, 0. doi:10.1007/s12649-017-0033-8
61. Cossu, R., Garbo, F., Giroto, F., Simion, F., Pivato, A., 2017. PLASMIX management: LCA of six possible scenarios. *Waste Manag.* doi:10.1016/j.wasman.2017.08.007
62. Pivato, A., Lavagnolo, M.C., Raga, R., Garbo, F., Moretto, M., Cossu, R., 2017. Energy crops applied to landfills: functional, environmental and cost analysis. In *Proceedings of “Athens2017”, 5th International Conference on Sustainable Solid Waste Management*, 21-24 June 2017
63. Pivato, A., Raga, R., Giroto, F., Megidos, L., 2017. How to consider the role of landfills as carbon sink in environmental forensic cases, in: Cossu, R. (Ed.), *Proceedings Sardinia 2017. Sixteenth International Waste Management and Landfill Symposium*. CISA Publisher, Italy, S. Margherita di Pula, Cagliari, Italy.
64. Pivato, A., Raga, R., Lavagnolo, M.C., Romio, E., Agostini, G., n.d. The “La La Land” project: lithotrophic microbial activity and aeration applications to landfills for a landscape requalification, in: Cossu, R. (Ed.), *Proceedings Sardinia 2017. Sixteenth International Waste Management and Landfill Symposium*. CISA Publisher, Italy, S. Margherita di Pula, Cagliari, Italy.
65. Rafieenia, R., Pivato, A., Lavagnolo, M.C., 2017. Lab scale tests for the investigation of a

- novel method to inhibit hydrogen consumption in anaerobic digestion, in: Cossu, R. (Ed.), Proceedings Sardinia 2017. Sixteenth International Waste Management and Landfill Symposium. CISA Publisher, Italy, S. Margherita di Pula, Cagliari, Italy.
66. Peng, W., Pivato, A., Lavagnolo, M.C., Raga, R., Engineering, I., Via, P., 2017. Nitrogen removal of nitrified leachate through a biofilter column packed with solid digestate, in: Cossu, R. (Ed.), Proceedings Sardinia 2017. Sixteenth International Waste Management and Landfill Symposium. CISA Publisher, Italy, S. Margherita di Pula, Cagliari, Italy.
67. Cerminara, G., Agostini, G., Raga, R., Pivato, A., 2017. Denitrification capacity of an old msw landfill under anoxic conditions, in: Cossu, R. (Ed.), Proceedings Sardinia 2017. Sixteenth International Waste Management and Landfill Symposium. CISA Publisher, Italy, S. Margherita di Pula, Cagliari, Italy.
68. Cossu, R., Lavagnolo, M.C., Morello, L., Pivato, A., Raga, R., Yue, D., 2017. Role of semi-aerobic phase in hybrid landfilling: the S.An.A method, in: Cossu, R. (Ed.), Proceedings Sardinia 2017. Sixteenth International Waste Management and Landfill Symposium. CISA Publisher, Italy, S. Margherita di Pula, Cagliari, Italy.
69. Cossu, R., Raga, R., Agostini, G., Priante, E., Yue, D., Pivato, A., 2017. Effects of intermittent aeration on carbon and nitrogen turnover in landfill simulation reactors, in: Cossu, R. (Ed.), Proceedings Sardinia 2017. Sixteenth International Waste Management and Landfill Symposium. CISA Publisher, Italy, S. Margherita di Pula, Cagliari, Italy.
70. Cossu, R., Lavagnolo, M.C., Pivato, A., Liu, J., 2018. Preface to the special issue “biofuel from biowaste.” *Renew. Energy*. doi:10.1016/j.renene.2018.02.127
71. Raga, R., Pivato, A., Lavagnolo, M.C., Megido, L., Cossu, R., 2017. Methane oxidation and attenuation of sulphur compounds in landfill top cover systems: Lab-scale tests. *J. Environ. Sci.* 65, 317–326. doi:10.1016/j.jes.2017.06.040
72. Nelles, M., Pivato, A., 2018. Special Section: Biological Waste to Energy. *Waste Manag.* 71, 603–604. doi:10.1016/j.wasman.2017.11.046
73. Peng, W., Pivato, A., Lavagnolo, M.C., Raga, R., 2018. Digestate application in landfill bioreactors to remove nitrogen of old landfill leachate. *Waste Manag.* doi:10.1016/j.WASMAN.2018.01.010
74. Ali, M., Zhang, J., Raga, R., Lavagnolo, M.C., Pivato, A., Wang, X., Zhang, Y., Cossu, R., Yue, D., 2018. Effectiveness of aerobic pretreatment of municipal solid waste for accelerating biogas generation during simulated landfilling. *Front. Environ. Sci. Eng.* 12. doi:10.1007/s11783-018-1031-1
75. Ragazzi, M., Pivato, A., 2018. The role of waste-to-energy in the near future. *Waste Manag.* 73, 230–231. doi:10.1016/j.wasman.2018.01.023
76. Pivato, A., Garbo, F., Moretto, M., Lavagnolo, M.C., 2018. Energy crops on landfills : functional , environmental , and costs analysis of different landfill configurations.
77. Pivato, A., Vanin, S., 2018. Ingegneria forense ambientale nella gestione dei rifiuti solidi : origini , sviluppi e nuove sfide. *Ambient. Svilupp.* 25–27.
78. Rafieenia, R., Pivato, A., Schievano, A., Lavagnolo, M.C., 2018. Dark fermentation metabolic models to study strategies for hydrogen consumers inhibition. *Bioresour. Technol.* 267, 445–457. <https://doi.org/10.1016/j.BIORTECH.2018.07.054>
79. Pivato, A., Giroto, F., Megido, L., Raga, R., 2018. Estimation of global warming emissions in waste incineration and landfilling: an environmental forensic case study. In *Environmental Forensics Journal*.
80. Peng, W., Pivato, A., Cerminara, G., Garbo, F., Raga, R., 2018. Denitrification of Mature Landfill Leachate with High Nitrite in Simulated Landfill Columns Packed with Solid Digestate from Organic Fraction of Municipal Solid Waste. *Waste and Biomass Valorization* 0, 0. <https://doi.org/10.1007/s12649-018-0422-7>.
81. Garbo, F., Pivato, A., Manachini, B., Moretto, C.G., Lavagnolo, M.C., 2019. Assessment of the ecotoxicity of phytotreatment substrate soil as landfill cover material for in-situ leachate management. *J. Environ. Manage.* 231, 289–296. <https://doi.org/10.1016/j.JENVMAN.2018.10.014>
82. Zhang, L., Lavagnolo, M.C., Bai, H., Pivato, A., Raga, R., Yue, D., 2019. Environmental and economic assessment of leachate concentrate treatment technologies using analytic hierarchy process. *Resour. Conserv. Recycl.* 141, 474–480. <https://doi.org/10.1016/j.resconrec.2018.11.007>

REVIEWS

Alberto Pivato has been reviewer for the following papers:

- Integrated Ecotoxicology and Environmental Safety (ISSN: 0147-6513).
- Science of the Total Environment (ISSN: 0048-9697).
- Journal of Hazardous Materials (ISSN: 0304-3894).
- Waste Management Journal (ISSN: 0956-053X).
- Waste and Biomass Valorization Journal (ISSN: 1877-2641 - print version; ISSN: 1877-265X - electronic version)
- Journal of Hydrogen Energy (ISSN: 0360-3199)
- Environmental Monitoring and Assessment (ISSN: 0167-6369 - Print; 1573-2959 - Online)

AWARDS

- 2017. Second prize for the national competition on Land Prevention and Recovery, organized by the FOIV (Veneto Region Federation of Engineers)
- 2007. Special mention for the project “The Storga Urban Park”. National Planning Competition “Piccinato, 2007” (Coordinator of the project: arch. Giovanni Mangione)
- 2007. Special mention for the project “Analysis for a sustainable reorganization of industrial areas”. National Planning Competition “Piccinato, 2007” (Coordinator: arch. Giovanni Mangione)
- 2001. Prize by the Province of Venice for the best thesis “Risk analysis of the industrial area of Marghera (VE)”.

WORK ACTIVITIES

PROJECT & DESIGN

design, execution phase management and services (technical assistance to public contractor; bill of quantities; economic panel; etc.) for: residential and industrial buildings; treatment and disposal waste plants; waste water treatment plants; drainage and sewage systems; remediation of contaminated soils.

ENVIRONMENT & LANDSCAPE

planning; environmental impact assessment; ecological impact assessment; landscape assessment; odour and air emission assessment; acoustic; environmental risk assessment; contaminated site remediation.

RESOURCES

design and execution phase management of integrated solutions for energy recovery; integrated natural resources management such as water and soil.

SAFETY

occupational safety and health; construction safety.

EDUCATION & FORMATION

management and implementation of technical courses about safety and environment.

**TECHNICAL COMMISSION/
WORKING GROUP**

- 2014. Member of the “CTTC” (Italian Technical Commission for the Remediation of the Contaminated Sites)
- 2014. Member of the Working Group of the Engineers of Veneto Region (FOIV) for the reduction of soil use
- 2013. Member of the “IWWG “ (International Waste Working Group)
- 2006-2011. Member of the Technical Commission of Quarries of Treviso Province

- 2004. Coordinator of the Working Group about Risk Analysis in the Italian Technical Commission of Landfills (CTD)

Some relevant examples on work activities are available in personal linkedin web page.

TECNIICAL COMPETENCE

COMPUTER	<p>Excellent knowledge of the following software:</p> <ul style="list-style-type: none"> • Office Suite, in particular Word, Excell, Power Point; • Internet; • CAD: AutoCAD; • GIS: Geomedia; Quantum GIS; • ACOUSTICS: SoundPLAN, PreludeRay; • RISK ANALYSIS SOFTWARE: Risk4, Giuditta, Rome; • CHEMICAL FATE &TRANSPORT: Calpuff, Fugacity model; • ECOLOGICAL MODELLING: Aquatox; • OCCUPATIONAL SAFETY: Blumatica DVR; • PUBLIC WORK: Software for the analysis of the Bill of quantities.
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LAB EXPERIENCE	<p>Good experience in environmental, chemical and ecotoxicology lab analysis.</p>
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FIELD EXPERIENCE	<ul style="list-style-type: none"> • Environmental measurements (soil, water, air); • Acoustic measurements; • Topographic survey.
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PERSONAL SKILLS AND INTEREST

MOTHER TONGUE	<p>Italian</p>
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OTHER LANGUAGE	<p>English</p>
• Reading skill	<p>Excellent</p>
• Writing skill	<p>Excellent</p>
• Speaking skill	<p>Very good</p>

COMMUNICATION SKILL	<p>Ability to work in a team both corporate and academic. Ability to coordinate and manage colleagues with diverse technical abilities and personalities. homogenize different minds and personalities. Excellent communication skills gained through many years experience within the University and research centers. My communication ability has also improved by my participation in amateur theatre.</p>
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ORGANISATIONAL / MANAGERIAL SKILLS	<p>Ability to work independently or in a team, even in stressful situations. Experiences matured in Scientific Symposium organisation and in my participation in many important projects.</p>
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SPORT & FREE TIME | Soccer; tennis; theatre; reading; cinema.

DRIVING LICENSE | Car license "B"

REFEREE

| Available on request

SHORT CV

Alberto Pivato was born on the 12th of January in 1976 in Italy and now lives in Treviso (Italy).

In 2001 he graduated from Environmental Engineering at Padova University presenting a thesis on the industrial risk assessment of the "Porto Marghera" (Venice); the thesis received a mention by the Province of Venice.

From 2001 to 2004 he worked on his Ph.D. program spending two terms in other universities: in 2003 (3 months) at the DTU University (Denmark) under the supervision of Prof. Christensen and in 2004 (6 months) at the TUHH Department (Hamburg, Germany) under the supervision of Prof. Stegmann. With this experience he greatly improved his knowledge of ecotoxicology and methodologies to assess landfill emissions.

In 2004 Alberto Pivato completed his doctorate in Environmental Engineering at the IMAGE Department of University with a thesis concerning "Performance-based methodology for assessing the landfill aftercare end-point".

From 2005 to 2016 Alberto Pivato has been working for a private company in the field of environmental engineering and planning as Project Manager. In 2007, he received a special mention by one of the most important national concours on planning (Piccinato Concorso) for his work on a methodology for the assessment of a ranking for industries in terms of sustainability.

Currently Alberto Pivato is a Researcher at the Department of Civil, Environmental and Architectural Engineering of Padua University.

He has collaborated with many public administrations and he has been member of different commissions: quarry commission of the province of Treviso; occupational safety commission; forensic engineering; etc.

He has participated in numerous conferences and he was scientific secretary of the International Symposium Sardinia 2003 and 2017, Venice Symposium 2016 and 2018 and Treviso Forensic 2016 and 2018. He has written more than 60 papers for national and international journals.

He has been professor of the courses "Waste Recovery" (2008-2009), "Ecotoxicology" (2009-2017) and "Environmental Project" (2015-2017) for the International MSc Programme in Environmental Engineering at the University of Padova.

His main fields of interest are ecotoxicology, waste management, environmental impact assessment, risk analysis and remediation of contaminated sites. Since 2016 he has moved his research interests to anaerobic digestion, environmental forensic engineering and air pollution control. Regarding these topics he participated in the working groups of CTD (National Landfill Committee), IWVG (International Waste Working Group) and CTTC (National Committee on Contaminated Sites).

In 2017 he has obtained the Italian national qualification to act as associate professor in Environmental and Sanitary Engineering.

CV FOR PUBLICATIONS

Alberto Pivato is a Researcher at the department of Civil, Environmental and Architectural Engineering of the University of Padova. In 2017 he has obtained the Italian national qualification to act as associate professor in Environmental and Sanitary Engineering. His main fields of interest are ecotoxicology, waste management, anaerobic digestion, air pollution control, environmental forensic, environmental impact

assessment, risk analysis and remediation of contaminated sites. He is member of the Task Group on Waste Biorefinery of the International Waste Working Group (IWWG).

The undersigned knows that, according to article 26 of law 15/68, false statements, falsity in documents and the use of false documents are punished according to the Penal Code and to special laws. Moreover, the undersigned authorizes the use of personal data, according to what required in law 675/96 of December 31st 1996.

Treviso, 01-12-2018

Alberto Pivato



The image shows a handwritten signature in black ink, which appears to be 'Alberto Pivato', written over a blue circular professional stamp. The stamp contains the text 'ORDINE INGEGNERI PROVINCIA DI TREVISO' at the top, 'A 2341' in the center, and 'ING. ALBERTO PIVATO' at the bottom.