

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ



ΟΝΟΜΑΤΕΠΩΝΥΜΟ : Γεώργιος Νταλός

ΒΑΘΜΙΔΑ: Καθηγητής

ΕΠΙΚΟΙΝΩΝΙΑ: Τηλ. 24410 64747, Fax: 24410 64731,
e-mail: gntalos@teilar.gr

ΙΔΙΟΤΗΤΑ :

Δασολόγος - Τεχνολόγος Ξύλου.

ΣΠΟΥΔΕΣ :

- Πτυχίο Σχολής Δασολογίας και Φ. Περιβάλλοντος (1995).

- Διδακτορική Διατριβή με θέμα : "Αξιοποίηση γεωργικών υπολειμμάτων για την παραγωγή σύνθετων συγκολλημένων προϊόντων". Τμήμα Δασολογίας και Φ. Π., Α.Π.Θ. (2000).

**ΔΙΔΑΣΚΟΜΕΝΑ
ΜΑΘΗΜΑΤΑ:**

- Τεχνολογία Ξύλου III: Συμπαγή προϊόντα
- Τεχνολογία Παραγωγής Επίπλου II
- Τεχνολογία Παραγωγής Επίπλου III
- Ποιοτικός έλεγχος Πρώτων Υλών
- Ποιοτικός έλεγχος Επίπλων και Ξυλοκατασκευών
- Υλοποίηση

**ΠΡΟΣΦΑΤΕΣ
ΕΠΙΣΤΗΜΟΝΙΚΕΣ
ΕΡΓΑΣΙΕΣ :**

- NTALOS, G., SKARVELIS, M., KARAMPATZAKIS, D. 2010. Tracing thermal treatment in wood using RFID. In Proceedings of COST Action E53 Final Conference: "The Future of Quality Control for Wood & Wood Products", 4-7th May 2010, Edinburgh, pp. 7.
- ΝΤΑΛΟΣ Γ., ΣΚΑΡΒΕΛΗΣ Μ., ΚΑΡΑΜΠΑΤΖΑΚΗΣ Δ., ΣΙΔΕΡΑΣ Α. 2011. Εφαρμογές των RFID στην Τεχνολογία του Ξύλου. Πρακτικά 15ου Πανελλ. Δασολ. Συνεδρίου, Καρδίτσα 2011, σελ. 8.
- SKARVELIS M., MOUSILOPOULOS K., NTALOS G. 2012. Some Aspects of Beech Wood Discolouration during and after Drying. In Proceedings of 12th Intern. IUFRO Wood Drying Conference: "Challenges and Opportunities Related to Tropical Lumber Drying". July 30 to August 03, 2012 - Belém, Para, Brazil, p. 12.
- NTALOS G., KARAMPATZAKIS D., SIDERAS A., SKARVELIS M. 2012. The use of RFID technology in drying and other thermal processes of wood. In Proceedings of 12th International IUFRO Wood Drying Conference: "Challenges and Opportunities Related to Tropical Lumber Drying". July 30 to August 03, 2012 - Belém, Para, Brazil, p. 13.
- ΝΤΑΛΟΣ Γ., ΣΚΑΡΒΕΛΗΣ Μ. 2013. Ο Κανονισμός 995/2010 της Ε.Ε. και η εφαρμογή του στην Ελλάδα. Πρακτικά 16ου Πανελλ. Δασολ. Συνεδρίου, Θεσσαλονίκη 2013, σελ. 1136 – 1144.
- Grigoriou, A., Ntalos, G. 2001. The potential use of Ricinus communis L. (Castor) stalks as a lignocellulosic resource for particleboards. Industrial crops and products 13 (2001) 209-218. Elsevier
- Ntalos, G., Grigoriou, A. 2002. Characterisation and utilisation of vine prunings as wood substitute for particleboard production Industrial crops and products. 16 (2002) 59-68 Elsevier
- Papadopoulos A., Hill, C, Gkaraveli, A., Ntalos, G., Karastergiou, S. (2004). Bamboochips, (Bambusa vulgaris) as an alternative

lignocellulosic raw material for particleboard manufacture. Holz Roh Werkst (2004) 62:36-39

-Ntalos G.A. and A.N. Papadopoulos. 2004. Noise emission levels in Greek wood and furniture processing industry. Journal of the Institute of Wood Science (2005) Vol 17 Issue98 :99-103 .

- Papadopoulos A.N, and Ntalos. G.A. 2004.The effect of wood defects on chemical modification with acetic anhydride. Holz als Roh-und Werkstoff (2004) 62:395-396 .

-Papadopoulos A.N, and Ntalos. G.A. Soutsas, K., Tantos, V. 2005.Bonding behaviour of chemically modified wood particles for board production. Holz als Roh-und Werkstoff (2005) 64:21-23 .

-Papadopoulos A.N, and Ntalos. G.A. Kakaras,I.. 2005.Mechanical and physical properties of cement-bonded OSB .Holz als Roh-und Werkstoff (2005) .

-Ntalos, G., Papadopoulos, .A.2006. Determination of key Board properties based on cylindrical specimens. Journal of the Institute of wood science. Volume 17 Number 3 (issue 99) pp.146 (βλ115).

-Karageorgos,A., Avramouli,D., Tjortjjs, C., Ntalos, G. 2010. Agent-Based Digital networking in furniture manufacturing enterprises. NDT2010. PartII CCIS88 pp. 381-395. Springer - Verlag Berlin 2010.

-Grigoriou,A., Ntalos,G. 1999.Agrowaste panels bonded with UF and UF:PMDI resins. 3rd European panel products symposium . Lladudno U.K. Proceedings pp.340-344

-Barboutis, J., Ntalos,G. 2000. Standardization in Greece today (Wood products). European conference "Standardization – European integration consumers" Sofia Bulgaria.Proceedings pp100-103

-Kakaras I., Ntalos G. 2001. New products in joinery and furniture sector in Greece. 3d Balkan Symposium: "Study conservation and utilization of the forest resources".Sofia 2-4 Oct. 2001. Proceedings pp. 322-330

Papadopoulos,A., Ntalos,G. 2002. EMDI isocyanate resin for particleboard: The effect of process variables on its bonding efficiency. International Symposium on Wood Based Materials. 19-20 September 2002. Vienna Austria.pp41-44

-Tantos,V., Barboutis, J., Ntalos G.,Chouliaras, J. (2003).Utilisation of individual fir for particleboard production. Solution or deterioration for the ecosystem. International conference – 75th anniversary of the Forest Research Institute of Bulgarian Academy, 1-5 October, 2003, 2003, Sofia, Bulgaria.pp 352-357

-Ntalos,G., Grigoriou, A. 2003. Materials for Wood based panels. State of the Art report. E13. European Commission. Directorate – General for Research.. Workshop ESPOO. Finland. Proceedings pp25-36

-Ntalos G., Papadopoulos A., Karastergiou S., Mantanis G. and J. Kakaras (2003). Dimension stability and decay resistance against *Coniophora puteana* of scots pine sapwood due to reaction with propionic anhydride. International conference – 75th anniversary of the Forest Research Institute of Bulgarian Academy, Sept. 9-11, 2003, Sofia, Bulgaria.pp269-274

1. Ntalos, G., Papadopoulos, A., Tantos, V., Chouliaras, G. 2003. The potential using of flax and vine pruning chips as alternative lignocellulosic raw materials for particleboard manufacture. Fifth International Symposium “ TECHNOMAT & infotel 2003” Bulgaria Sept. 9-11 Bourgas.

-Karastergiou, S. and G. Ntalos. 2005. Bending Strength Properties of Scarf Jointed European Spruce Wood (*Picea excelsa*). International Scientific Conference ‘Engineering Design (Interior and Furniture Design)’. Oct. 15-17, Sofia, Bulgaria.

-Ntalos, G., Karvelas, A., Karastergiou, S. and I. Kakaras. 2005. The situation of design programs and CNC in furniture sector in Greece. International Scientific Conference ‘Engineering Design (Interior and Furniture Design)’. Oct. 15-17, Sofia, Bulgaria.

-Ntalos, G., Papadopoulos, A. 2006. Mechanical and physical properties cement bonded OSB. International conference for Wood resources and panel properties. 12-13 June Valencia . Spain pp.315-319

-Papadopoulos, I., M. Trigkas, G. Ntalos, and E. Premeniou, 2011. Green Economy. The case of Sustainable Building Cluster in Greece. Book Proceedings of the 4th Annual International EuroMed Conference, Business Research Challenges in a Turbulent Era, ISBN: 978-9963-711-01-7, Agios Nikolaos, Crete, Oral presentation, October 20-21, 2011, pp. 660-682.

-Trigkas, M., A., Sideras, G., Ntalos and I., Papadopoulos, 2009. Possibilities of Production and Use of Wood Pellets in Greece from an Economic and Market Aspect. Proceedings of the 2nd International CEMEPE & SECOTOX Conference, Mykonos, June 21-26, 2009, ISBN 978-960-6865-09-01 Oral presentation, pp 1973-1978.

-Papadopoulos, I., Scarvelis, M. and Ntalos, G., 2009. Economic and Technical Aspects on Quality Control for Wood Products: The Case of Furniture Enterprises in Thessaly (Greece). Cost Action E53, Proceedings Conference 22nd – 23rd October 2009, Lisbon, Portugal, pp. 247-254.

-Ntalos,G., Papadopoulos, A. 2007. The effect of chemical modification on bonding efficiency of raw material for particleboard

manufacture. Proceedings of International Workshop "Bonding of modified wood". Bled- Slovenia 6 Sept. 2007.

-Ntalos,G. 2010 . Use of Origanum vulgare spp. Hirtum as a substitute for Particleboards. 2010 International Chemical Congress of Pasific Basin Societies . Decemper 15-20, 2010 Honolulu, Hawaii.

-Ntalos, G. 2007. Low formaldedehyde emission particlboards produced from agricultural waste. Cost Action E49. Proceedings Conference 28-29 November 2007. Wilhelm-Klauditz-Institut Holzforschung. Braunschweig. Germany.

-Mantanis, G., Vouli, E., Gonitsioti, C., Ntalos,G. 2007. Formaldehyde in indoor air of new apartments in Greece. Cost Action E49. Proceedings Conference 28-29 November 2007. Wilhelm-Klauditz-Institut Holzforschung. Braunschweig. Germany

-Papadopoulos,A., Ntalos, G. 2007. OSB cement bonded structural panels. International workshop . Cost Actin E34. Practical solutions for furniture and structural bonding. Larnaka – Cyprus 22-23 March 2007.

-Karageorgos, A., Avramouli, D., Ntalos, G., Tjortjis, C. and K. Vasilopoulou, 2010. Towards Agent-Based 'Smart' Collaboration in Enterprise Networks. In: Reddy, S. (ed.): Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE), 19th IEEE International Workshop on Agent Computing for Enterprise Collaboration., Larissa, Greece, 20-23 June, IEEE Computer Society Press, pp. 35-40, ISBN: 978-1-4244-7216-1 (b1

-Ntalos, G., Skarvelis, M., Karampatzakis, D. 2010. Tracing thermal treatment in wood using RFID . International Conference : The future of Quality Control for Wood & Wood products 4-7 May 2010 Edinburgh. The final Conference COST ACTION E53.

Name – Lastname : Georgios Ntalos
Current Position: Professor

Communication: Tel: +30 24410 64747, Fax: +30 24410 64731, e-mail: gntalos@teilar.gr

EDUCATION BSc. Dept. of Forestry and Natural Environment, Aristotle Univ. of Thessaloniki, Greece (1995)
PhD. Dept. of Forestry and Natural Environment, Aristotle Univ. of Thessaloniki, Greece (2000)

Lectures:
-Wood Technology III
- Furniture production technology II
-Furniture production technology III
-Raw material quality
-Furniture and wood construction quality control
-Creation

Recent Publications: NTALOS, G., SKARVELIS, M., KARAMPATZAKIS, D. 2010. Tracing thermal treatment in wood using RFID. In Proceedings of COST Action E53 Final Conference: “The Future of Quality Control for Wood & Wood Products”, 4-7th May 2010, Edinburgh, pp. 7.

- ΝΤΑΛΟΣ Γ., ΣΚΑΡΒΕΛΗΣ Μ., ΚΑΡΑΜΠΑΤΖΑΚΗΣ Δ., ΣΙΔΕΡΑΣ Α. 2011. Εφαρμογές των RFID στην Τεχνολογία του Ξύλου. Πρακτικά 15ου Πανελλ. Δασολ. Συνεδρίου, Καρδίτσα 2011, σελ. 8.

- SKARVELIS M., MOUSILOPOULOS K., NTALOS G. 2012. Some Aspects of Beech Wood Discolouration during and after Drying. In Proceedings of 12th Intern. IUFRO Wood Drying Conference: “Challenges and Opportunities Related to Tropical Lumber Drying”. July 30 to August 03, 2012 - Belém, Para, Brazil, p. 12.

- NTALOS G., KARAMPATZAKIS D., SIDERAS A., SKARVELIS M. 2012. The use of RFID technology in drying and other thermal processes of wood. In Proceedings of 12th International IUFRO Wood Drying Conference: “Challenges and Opportunities Related to Tropical Lumber Drying”. July 30 to August 03, 2012 - Belém, Para, Brazil, p. 13.

- ΝΤΑΛΟΣ Γ., ΣΚΑΡΒΕΛΗΣ Μ. 2013. Ο Κανονισμός 995/2010 της Ε.Ε. και η εφαρμογή του στην Ελλάδα. Πρακτικά 16ου Πανελλ. Δασολ. Συνεδρίου, Θεσσαλονίκη 2013, σελ. 1136 – 1144.

- Grigoriou, A., Ntalos, G. 2001. The potential use of Ricinus communis L. (Castor) stalks as a lignocellulosic resource for particleboards. Industrial crops and products 13 (2001) 209-218. Elsevier

-Ntalos, G., Grigoriou, A. 2002. Characterisation and utilisation of vine prunings as wood substitute for particleboard production Industrial crops and products. 16 (2002) 59-68 Elsevier

-Papadopoulos A., Hill, C, Gkaraveli, A., Ntalos, G., Karastergiou, S. (2004). Bamboochips, (Bambusa vulgaris) as an alternative lignocellulosic raw material for particleboard manufacture. Holz Roh Werkst (2004) 62:36-39

-Ntalos G.A. and A.N. Papadopoulos. 2004. Noise emission levels in Greek wood and furniture processing industry. Journal of the Institute of Wood Science (2005) Vol 17 Issue 98 :99-103 .

-Papadopoulos A.N, and Ntalos. G.A. 2004. The effect of wood defects on chemical modification with acetic anhydride. Holz als Roh-und

Werkstoff (2004) 62:395-396 .

-Papadopoulos A.N, and Ntalos. G.A. Soutsas, K., Tantos, V. 2005. Bonding behaviour of chemically modified wood particles for board production. .Holz als Roh-und Werkstoff (2005) 64:21-23 .

-Papadopoulos A.N, and Ntalos. G.A. Kakaras,I.. 2005. Mechanical and physical properties of cement-bonded OSB .Holz als Roh-und Werkstoff (2005) .

-Ntalos, G., Papadopoulos, .A.2006. Determination of key Board properties based on cylindrical specimens. Journal of the Institute of wood science. Volume 17 Number 3 (issue 99) pp.146 (βλ115).

-Karageorgos,A., Avramouli,D., Tjortjis, C., Ntalos, G. 2010. Agent-Based Digital networking in furniture manufacturing enterprises. NDT2010. PartII CCIS88 pp. 381-395. Springer - Verlag Berlin 2010.

-Grigoriou,A., Ntalos,G. 1999. Agrowaste panels bonded with UF and UF:PMDI resins. 3rd European panel products symposium . Lladudno U.K. Proceedings pp.340-344

-Barboutis, J., Ntalos,G. 2000. Standardization in Greece today (Wood products). European conference "Standardization – European integration consumers" Sofia Bulgaria. Proceedings pp100-103

-Kakaras I., Ntalos G. 2001. New products in joinery and furniture sector in Greece. 3d Balkan Symposium: "Study conservation and utilization of the forest resources".Sofia 2-4 Oct. 2001. Proceedings pp. 322-330

-Papadopoulos,A., Ntalos,G. 2002. EMDI isocyanate resin for particleboard: The effect of process variables on its bonding efficiency. International Symposium on Wood Based Materials. 19-20 September 2002. Vienna Austria.pp41-44

-Tantos,V., Barboutis, J., Ntalos G.,Chouliaras, J. (2003).Utilisation of individual fir for particleboard production. Solution or deterioration for the ecosystem. International conference – 75th anniversary of the Forest Research Institute of Bulgarian Academy, 1-5 October, 2003, 2003, Sofia, Bulgaria.pp 352-357

-Ntalos,G., Grigoriou, A. 2003. Materials for Wood based panels. State of the Art report. E13. European Commission. Directorate – General for Research.. Workshop ESPOO. Finland. Proceedings pp25-36

-Ntalos G., Papadopoulos A., Karastergiou S., Mantanis G. and J. Kakaras (2003). Dimension stability and decay resistance against conioophora puteana of scots pine sapwood due to reaction with

propionic anhydride. International conference – 75th anniversary of the Forest Research Institute of Bulgarian Academy, Sept. 9-11, 2003, Sofia, Bulgaria.pp269-274

-Ntalos, G., Papadopoulos, A., Tantos, V., Chouliaras, G. 2003. The potential using of flax and vine pruning chips as alternative lignocellulosic raw materials for particleboard manufacture. Fifth International Symposium “ TECHNOMAT & infotel 2003” Bulgaria Sept. 9-11 Bourgas.

-Karastergiou, S. and G. Ntalos. 2005. Bending Strength Properties of Scarf Jointed European Spruce Wood (*Picea excelsa*). International Scientific Conference ‘Engineering Design (Interior and Furniture Design)’. Oct. 15-17, Sofia, Bulgaria.

-Ntalos, G., Karvelas, A., Karastergiou, S. and I. Kakaras. 2005. The situation of design programs and CNC in furniture sector in Greece. International Scientific Conference ‘Engineering Design (Interior and Furniture Design)’. Oct. 15-17, Sofia, Bulgaria.

-Ntalos, G., Papadopoulos, A. 2006. Mechanical and physical properties cement bonded OSB. Internatopnal conference for Wood resources and panel properties. 12-13 June Valencia . Spain pp.315-319

-Papadopoulos, I., M. Trigkas, G. Ntalos, and E. Premenioutou, 2011. Green Economy. The case of Sustainable Building Cluster in Greece. Book Proceedings of the 4th Annual International EuroMed Conference, Business Research Challenges in a Turbulent Era, ISBN: 978-9963-711-01-7, Agios Nikolaos, Crete, Oral presentation, October 20-21, 2011, pp. 660-682.

-Trigkas, M., A., Sideras, G., Ntalos and I., Papadopoulos, 2009. Possibilities of Production and Use of Wood Pellets in Greece from an Economic and Market Aspect. Proceedings of the 2nd International CEMEPE & SECOTOX Conference, Mykonos, June 21-26, 2009, ISBN 978-960-6865-09-01 Oral presentation, pp 1973-1978.

-Papadopoulos, I., Scarvelis, M. and Ntalos, G., 2009. Economic and Technical Aspects on Quality Control for Wood Products: The Case of Furniture Enterprises in Thessaly (Greece). Cost Action E53, Proceedings Conference 22nd – 23rd October 2009, Lisbon, Portugal, pp. 247-254.

-Ntalos,G., Papadopoulos, A. 2007. The effect of chemical modification on bonding efficiency of raw material for particleboard manufacture. Proceedings of International Workshop "Bonding of modified wood". Bled- Slovenia 6 Sept. 2007.

-Ntalos,G. 2010 . Use of *Origanum vulgare* spp. *Hirtum* as a substitute for Particleboards. 2010 International Chemical Congress of Pasific Basin Societies . Decemper 15-20, 2010 Honolulu, Hawaii.

-Ntalos, G. 2007. Low formaldehyde emission particleboards produced from agricultural waste. Cost Action E49. Proceedings Conference 28-29 November 2007. Wilhelm-Klauditz-Institut Holzforschung. Braunschweig. Germany.

-Mantanis, G., Vouli, E., Gonitsioti, C., Ntalos, G. 2007. Formaldehyde in indoor air of new apartments in Greece. Cost Action E49. Proceedings Conference 28-29 November 2007. Wilhelm-Klauditz-Institut Holzforschung. Braunschweig. Germany

-Papadopoulos, A., Ntalos, G. 2007. OSB cement bonded structural panels. International workshop . Cost Action E34. Practical solutions for furniture and structural bonding. Larnaka – Cyprus 22-23 March 2007.

-Karageorgos, A., Avramouli, D., Ntalos, G., Tjortjis, C. and K. Vasilopoulou, 2010. Towards Agent-Based 'Smart' Collaboration in Enterprise Networks. In: Reddy, S. (ed.): Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE), 19th IEEE International Workshop on Agent Computing for Enterprise Collaboration., Larissa, Greece, 20-23 June, IEEE Computer Society Press, pp. 35-40, ISBN: 978-1-4244-7216-1 (b1)

-Ntalos, G., Skarvelis, M., Karampatzakis, D. 2010. Tracing thermal treatment in wood using RFID . International Conference : The future of Quality Control for Wood & Wood products 4-7 May 2010 Edinburgh. The final Conference COST ACTION E53.