



**Name:** Nuno Miguel da Silva Ascensão Vaz Álvaro

**Current occupation :** PhD. Student Theme: *Seasonal variation and structure of cobble beaches and its biological communities in the Azores – The particular case of the decapods.*

#### **Academic qualification**

2009 – Masters in territorial management and Environmental planning Thesis: *Reference status and Monitoring proposal for the protected area for habitats or species of Vila Franca do Campo islet.*

2002 –Degree in Biology, field of environmet and evolution. Final work: *Preliminary study of the impact in meiofauna of the submarine outfall of Ponta Delgada residual waters.*

#### **Scientific meetings**

Moniz, I., Prestes, A.C.L, Nogueira, E.M., Azevedo, J.M.N., **Álvaro, N.V.** & Neto, A.I. (2012) *Can islets be considered repositories of neighbouring coastal biodiversity?* Poster, FloraMac 2012. 5-8 Setembro, Funchal.

**Álvaro, N.V.**, A. L. Prestes, J. Dalmolin, I. Moniz, E. N. Xavier & A. I. Neto *Ilhéu de Vila Franca, Açores – Caracterização e Proposta de Gestão.* Communication. "Gesmar-Az: Ordenamento e gestão integrada do litoral macaronésico", 14 de Julho, Universidade dos Açores, Ponta Delgada.

**Álvaro, N.V.**, Prestes, A.C.L., J. Dalmolin, A.I. Neto, (2011) *Integrating biological data with substrate and bathymetric information in MPAs of oceanic islands.* Communication. *II World Conference on Marine Biodiversity.* 26-30 Setembro, Aberdeen.

**Álvaro N.V.**, F.M. Wallenstein, A.C.L. Prestes, J. Dal Molin & A.I. Neto, (2011) *MPA Management i the Azores: Integrating Biological Depth and Geological Data.* Poster. 5<sup>th</sup> European Phycological Congress. 4-9 Setembro, Rhodes.

**Álvarez, N.V.;** A.C.L. Prestes, A.I. Neto, (2010) *Sea bed mapping and subtidal communities identification in Azorean MPAs – Preliminary results providing tools for marine resources conservation*. Poster. International Meeting on Marine Resources, Peniche.

**Álvarez N.V.,** A.I. Neto. and F. Alves, (2009) *Human pressure on a protected area - a monitoring program for the Islet of Vila Franca do Campo*. Poster. 10<sup>th</sup> International Coastal Symposium, Lisboa.

**Álvarez N.V.,** F.F. Wallenstein, A.I. Neto, E.M. Nogueira & M.R. Terra, (2008) *Azorean Coastal Communities - An On-going Study*. Poster. 43<sup>rd</sup> European Marine Biology Symposium, Ponta Delgada.

**Álvarez, N.V.,** A.I. Neto, F.F.M.M. Wallenstein & T.P. Silva, (2007) *Mapping marine biotopes in Graciosa – Azores, a low budget methodology for oceanic Islands*. Poster E.uropean Symposium on Marine Protected Áreas, Múrcia.

**Álvarez, N.V.,** A.I. Neto, F.F.M.M. Wallenstein, J. Ferreira, E.M. Nogueira & C.I. Santos, (2006) *The use of digital photography for benthic coastal community characterization and quantification*. Communication. XIV Simpósio Ibérico de Estudios de Biología Marina, Barcelona.

Neto, A.I., F.F.M.M. Wallenstein, **N.V. Álvarez,** T.P. Silva & M.R. Terra, (2006) *Coastal Biotopes of the Azores: a re-evaluation of the Marine Protected Areas*. Poster. 41<sup>st</sup> European Marine Biology Symposium, Cork.

Wallenstein, F.F.M.M., A. I. Neto & **N.V. Álvarez,** (2006) *Algae based biotopes of the Azores (Portugal): spatial and seasonal variation*. Communication. Benthic Ecology Meeting, Quebec City.

F.F.M.M. Wallenstein, **N.V. Álvarez,** A.I. Neto, (2004) *Characterization of subtidal benthic communities in the Azores – a numerical approach – methodologies for oceanic islands*. Communication. 5<sup>th</sup> International Symposium on Fauna and Flora of the Atlantic Islands, Dublin.

**Álvarez, N.V.,** A.C. Costa & A.I. Neto, (2001) *Meiofauna communities of São Miguel (Azores): A Case Study*. Poster. 36<sup>th</sup> European Marine Biology Symposium, Menorca.

Neto, A. I., I. Tittley, A. C. Costa, S. P. Ávila, M. I. Parente, W. Farnham, M. B. Jones, J. M. Brum, S. C. Monteiro, **N. M. Álvarez** & M. F. Martins, (1999) *Benthic communities of the Bay of São Vicente (São Miguel, Azores)*. Poster. 34<sup>th</sup> European Marine Biology Symposium, Ponta Delgada.

## **Publications**

### **books**

Wallenstein, F. M., A.I. Neto, **N.V. Álvaro**, J.M.N. Azevedo & I. Tittley, 2009 "Guia Para Definição de Biótopos Costeiros em Ilhas Oceânicas/Coastal Biotope Definition Manual for Oceanic Islands". SRAM . Horta. 52pp.

Neto, A. I, J.M.N. Azevedo, F. M. Wallenstein,& **N.V. Álvaro**, 2009. "Guias Costeiros dos Açores – Ilha Graciosa / Azores Coastal Guides- Graciosa Island". SRAM/CMSCG . Horta/Santa Cruz da Graciosa. 52pp.

Neto, A. I, F. M. Wallenstein, T Silva, **N.V. Álvaro** &I. Titley, 2009. "Guias Costeiros dos Açores – Santa Maria – Poças de maré / Azores Coastal Guides- Santa Maria – Tide Pools" . SRAM/CMVP. Horta/Vila do Porto. 52pp.

Neto, A. I, F. M. Wallenstein, **N.V. Álvaro**. P. Raposeiro &I J.M.N. Azevedo, 2009. "Guias Costeiros dos Açores – Santa Maria – Zona Submersa / Azores Coastal Guides- Santa Maria –Subtidal zone". SRAM/CMVP . Horta/Vila do Porto. 52pp.

Neto, A. I, F. M. Wallenstein, T Silva, **N.V. Álvaro** &I. Titley, 2009. "Guias Costeiros dos Açores – Santa Maria – Zona Entre Marés / Azores Coastal Guides- Santa Maria –Intertidal". SRAM/CMVP. Horta/Vila do Porto. 44pp.

Azevedo, J.M.N. **N.V. Álvaro**. P. Raposeiro & A. I. Neto, 2009. "Guias Costeiros dos Açores – Santa Maria – Peixes Litorais / Azores Coastal Guides- Santa Maria –Litoral Fish". SRAM/CMVP . Horta/Vila do Porto. 88pp.

#### ***Papers in journals with peer revision***

Vaz-Pinto, F., Torrontegi, O., Prestes, A.C., **Álvoro, N.V.**, Neto, A.I., Martins, G.M., 2014. Invasion success and development of benthic assemblages: effect of timing, duration of submersion and substrate type. Marine environmental research 94, 72-79.

Tittley, I., **N.V. Álvaro**, A.I. Neto. (2014). "Preliminary observations on the benthic marine algae of the Gorringe seabank (northeast Atlantic Ocean)." Helgoland Marine Research 68(2): 307-312.

Silva, A., Brotas, V., Valente, A., Sá, C., Diniz, T., Patarra, R.F., **Álvoro, N.V.**, Neto, A.I., 2013. Coccolithophore species as indicators of surface oceanographic conditions in the vicinity of Azores islands. Estuarine, Coastal and Shelf Science 118, 50-59.

Martins G.M., Patarra R.F., **Álvoro N.V.**, Prestes A.C.L., Neto A.I., 2013. Effects of coastal orientation and depth on the distribution of subtidal benthic assemblages. Marine Ecology, 2013: 1–9 (DOI: 10.1111/maec.12014).

Wallenstein F.M., Neto A.I., Patarra R.F., Prestes A.C.L., **Álvarez N.V.**, Rodrigues A., Wilkinson M. (2013). Indices to monitor coastal ecological quality of rocky shores based on seaweed communities: simplification for wide geographical use. *Journal of Integrated Coastal Zone Management*, 13(1): 15-25 (DOI: 10.5894/rgci365).

**Álvarez, N. V.**, F.F.M.M. Wallenstein, A. I. Neto, J. Ferreira, E.M. Nogueira, C. I. Santos & A. F. Amaral, (2008) The Use of Digital Photography for the Definition of Coastal Biotopes in Azores. *Hydrobiologia* 596:143-152.

Wallenstein, F.F.M.M., A.I. Neto, **N.V. Álvarez** and Tittley I., (2008) Subtidal rocky shore communities of the Azores: developing a biotope survey method. *Journal of Coastal Research* 24:244-249.

Wallenstein, F.F.M.M., A.I. Neto, **N.V. Álvarez** & C.I. Santos, (2008) Algae Based Biotopes of the Azores (Portugal): Spatial and Seasonal Variation. *Aquatic Ecology*. 42:547–559.

Martins, G.M., F.F.M.M. Wallenstein, **N.V. Álvarez**, A.I. Neto & A.C. Costa, (2005) Sampling strategies for biotope definition: minimal sampling area for selected groups of macroinvertebrates in the rocky subtidal of São Miguel, Azores. *Helgoland Marine Research*. 59: 219–223.

### **Reports**

Neto A.I., **Álvarez N.V.** & Azevedo J.M.N. (2010). Estudo de impacte ambiental. Porto das Pipas – Angra do Heroísmo: terminal de cruzeiros. Caracterização da flora e fauna marinhas, avaliação do impacte ambiental, medidas minimizadoras e monitorização. Departamento de Biologia, Universidade dos Açores. 11 pp.

Neto AI, Azevedo JMN, Madruga L, Terra MR, **Álvarez N.V.** & Azevedo JMM, 2008. Candidatura da Ilha das Flores a Reserva da Biosfera. Gaiaware - Consultoria em Ambiente e Energia, Lda. Secretaria Regional do Ambiente e do Mar, Governo dos Açores, vii+233pp.