

Curriculum Vitae

Sophia Rhizopoulou

Associate Professor of Plant Ecophysiology

National and Kapodistrian University of Athens (NKUA), Faculty of Biology, Department of Botany, Panepistimiopolis, Athens 157 84, Greece

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Family status Single mother of a daughter born in 1993

Education

1986 Ph.D. Plant Biology, Biology Department, NKUA University of Athens, Greece

1979 B.Sc. Biology, Biology Department, NKUA University of Athens, Greece

Positions held

1980-1986 Research Assistant, Biology Department, NKUA University of Athens, Greece

1986-1987 Post doctoral fellowship, Biology Department, Lancaster University, UK

1988-1992 Lecturer, Biology Department, NKUA University of Athens, Greece

1993-1996 Visiting Professor Department of Botany, Kuwait University, Kuwait

1998-2009 Assistant Professor Biology Department, NKUA University of Athens, Greece

2009-2012 Associate Professor Biology Department, NKUA University of Athens, Greece

Research interests: Plant environmental physiology; Plant water relations; Drought stress; Roots of plants; Properties of plant surfaces' microsculpture; Colour of flowers; Botanic gardens; Mediterranean plants in classical texts, old manuscripts and botanical archives.

Courses taught and other services provided to students at the National and Kapodistrian University of Athens, Faculty of Biology

1988-2012 Lectures and practical in undergraduate students Plant Biology, Plant Physiology, Plant Environmental physiology.

2004-2012 Lectures for postgraduate students on "The civilization of plants" and on "Stress physiology of plants".

2012-2015 Responsible for the exchange student programme Erasmus with Sabanci and Toros University (Turkey).

1990-2011 Responsible for the European exchange student programme Erasmus with Freiburg University (Germany).

1998 Collaboration with Bielefeld University, Germany, in flower biology.

2000 Collaboration with University of Molise, Italy, in flower phenology.

Theses supervised

- 65, undergraduate students (mentor)
- 7, MSc students (mentor)
- 5, PhD students (mentor)
- 7 PhD students (external examiner)
- 14, Erasmus exchange students (mentor) from European Countries

Books [in Greek]

- 2009 **Rhizopoulou S.** Translation from English to Greek of the book *The magnificent Flora Graeca (how the Mediterranean came to the English Garden)* by Stephen Harris, Bodleian Library, Oxford (ISBN 9789605312572), pp. 194.
- 2008 **Rhizopoulou S.** *On flowers.* Diavlos (ISBN 9789605312268), pp. 153.
- 2008 **Rhizopoulou S.** *Rhizotomos: searching manuscripts and codices of Dioscorides.* Diavlos (ISBN 9789605312411), pp. 176.
- 2007 **Rhizopoulou S.** *Botanical garden of Julia and Alexander Diomedes.* Diavlos (ISBN 9789605312008) pp. 126.
- 2007 **Rhizopoulou S.** *On herbs.* Diavlos (ISBN 9789605312145), pp. 252.
- 2006 **Rhizopoulou S.** *Water relations.* Diavlos (ISBN 9789605311917), pp. 143.
- 2004 Rizou A, **Rhizopoulou S.** *Symbolic plants of the Olympic Games.* Hestia (ISBN 9789600511705), pp. 94. According to the National Book Center of Greece, this book was among "the best of the latest Greek non fiction books" (2005). The Chinese reprinting of this book has been circulated by Flower City Publishing House of China (ISBN 9787536053113), pp. 115 (2008).

Publications

- 2012 Chimona C, Stamellou A, Argiropoulos A, **Rhizopoulou S.** Study of variegated and white flower petals of *Capparis spinosa* expanded at dusk in arid landscapes. *Journal of Arid Land* 4: 171-179.
- 2012 Argiropoulos A, **Rhizopoulou S.** A study on the micromorphology of petals of the invasive weed *Oxalis pes-caprae*. *Weed Biology and Management* 12: 47-52.
- 2012 **Rhizopoulou S.** Changing mediterranean environment: irrefutable evidence from pre-industrial, unpublicised scenes contemporary with a mission (1786-1787) in the Levant. *Global NEST Journal* 14 (2): in press.
- 2012 Meletiou-Christou MS, **Rhizopoulou S.** Constraints of photosynthetic performance and water status of four evergreen species co-occurring under field conditions. *Botanical Studies* 53 (3): in press.
- 2012 Argiropoulos A, **Rhizopoulou S.** Topography and nanosculpture of petals' surfaces of short-lived flowers of the wild species *Cistus creticus*, *Cistus salviifolius*, *Eruca sativa* and *Sinapis arvensis*. *Botanical Studies* 53 (4): in press.
- 2012 Kolyva F, Stratakis E, **Rhizopoulou S**, Chimona C, Fotakis C. Leaf surface characteristics and wetting in *Ceratonia siliqua* L. *Flora*, in press.
- 2012 **Rhizopoulou S**, Lykos A, Delipetrou P, Vallianatou I. Living collection of *Flora Graeca* Sibthorpiana: from the folios of the monumental edition to the beds of a botanic garden in Greece. *Sibbaldia*, in press.

- 2011 Meletiou-Christou MS, Banilas GP, Bardis C, **Rhizopoulou S**. Plant biomonitoring: impact of urban environment on seasonal dynamics of storage substances and chlorophylls of oleander. *Global NEST Journal* 13: 393-404.
- 2011 **Rhizopoulou S** (2011-2012) Unpublished, Eastern Mediterranean scenes by Ferdinand Bauer (18th century) during the *Flora Graeca* expedition. *Neusis* 20: 73-93.
- 2010 Polymeni R, Spanakis E, Argiropoulos A, **Rhizopoulou S**. Aspects on the relief of living surfaces using atomic force microscopy allow «art» to imitate nature. *Integrative Zoology*, 5: 218-225.
- 2009 Stratakis E, Zorba V, Barberoglou M, Spanakis E, **Rhizopoulou S**, Tzanetakis P, Anastasiadis S, Fotakis C. Laser structuring of water-repellent biomimetic surfaces. *SPIE Newsroom*, doi 10.1117/2.1200901.1441.
- 2008 **Rhizopoulou S**, Argiropoulos A, Spanakis E, Gikas D, Alexandredes N, Koukos D, Anglos D. Visual perception of colorful petals reminds us of classical fragments, <http://precedings.nature.com/documents/1523/version/1>.
- 2008 **Rhizopoulou S**, Katsarou A, Oikonomou S. Medicinal plants: use in antiquity and current experimental proofs. *Planta Medica* 74: 1144.
- 2008 **Rhizopoulou S**, Katsarou A. The plant material of medicine. *Advances in Natural and Applied Sciences*, 2: 94-98.
- 2008 **Rhizopoulou S**. "A rare book on the water availability in Athens, published in 1879", in: *Small and decentralized water and wastewater treatment plants*. Zouboulis A, Kungolos A & Samaras (eds) pp. 451-455.
- 2008 **Rhizopoulou S**, Argiropoulos A. "The example of caper: seasonal growth of a water spending, native plant during the drought period, in the Mediterranean ecosystem", in *AQUA 2008*, pp. 1-10.
- 2008 Meletiou-Christou MS, Nassios K, **Rhizopoulou S**. A study on the growth rate of Mediterranean plants exposed to the air pollution of the city of Athens, in: *SBOMED. The Mediterranean city facing climate change*, pp. 1-10.
- 2007 **Rhizopoulou S**. *Olea europaea* L.: a contribution to culture. *American-Eurasian Journal of Agricultural & Environmental Sciences* 2: 382-387.
- 2007 **Rhizopoulou S**. *Flora Graeca*. *Neusis* 16: 34-44, [in Greek with English summary].
- 2006 **Rhizopoulou S**, Ioannidi E, Alexandredes N, Argiropoulos A. A study on functional and structural traits of the nocturnal flowers of *Capparis spinosa* L. *Journal of Arid Environments* 66: 635-647.
- 2004 **Rhizopoulou S**. Aspects of cell wall extensibility in *Ceratonia siliqua* L. *Flora* 199: 327-333.
- 2004 **Rhizopoulou S**. Symbolic plant(s) of the Olympic Games. *Journal of Experimental Botany* 55: 1601-1606.
- 2003 Lima W, Jarvis P, **Rhizopoulou S**. Stomatal responses of five commercially important *Eucalyptus* species to elevated CO₂ concentrations and soil water stress. *Scientia Agricola* 60: 231-238.
- 2003 **Rhizopoulou S**, Psaras G. Development and structure of drought-tolerant leaves of the Mediterranean shrub *Capparis spinosa* L. *Annals of Botany* 92: 377-383.

- 2000 Psaras G, **Rhizopoulou S**. Variable leaf size across Mediterranean evergreen sclerophylls. *Biologia Gallo-Hellenica* XXVI: 35-41.
- 1998 Pratikakis E, **Rhizopoulou S**, Psaras GK. The phi (Φ) layer in roots of *Ceratonia siliqua*. *Botanica Acta* 11: 93-98.
- 1998 **Rhizopoulou S**, Wagner E. Probing short-term root-exudation in *Zea mays*. *Environmental and Experimental Botany* 40: 229-235.
- 1997 **Rhizopoulou S**. Is negative turgor fallacious? *Physiologia Plantarum* 99: 505-510.
- 1997 **Rhizopoulou S**, Heberlein K, Kassianou, A. Field water relations in *Capparis spinosa* L. *Journal of Arid Environments* 36: 237-248.
- 1997 **Rhizopoulou S**, Pantis JD, Triantafylli E, Vokou D. Ecophysiological adaptations of *Asphodelus aestivus* to Mediterranean climate periodicity: water relations and energetic status. *Ecography* 20: 626-633.
- 1995 **Rhizopoulou S**, Wagner E. Fumigation with β -pinene disrupts turgor of *Picea abies* needle tips. *Environmental and Experimental Botany* 35: 235-240.
- 1995 Psaras GK, **Rhizopoulou S**. Mesophyll structure during leaf development in *Balotta acetabulos*. *The New Phytologist* 131: 303-309.
- 1994 Meletiou-Christou MS, **Rhizopoulou S**, Diamantoglou S. Seasonal changes in carbohydrates, lipids and nitrogen content in sun and shade leaves from four Mediterranean evergreen sclerophylls. *Environmental and Experimental Botany* 34: 129-140.
- 1993 **Rhizopoulou S**, Davies WJ. Leaf and root dynamics in *Eucalyptus globulus* seedlings grown in drying soil. *Trees Structure and Function* 8: 1-8.
- 1992 Diamantoglou S, **Rhizopoulou S**. Free proline accumulation in sapwood, bark and leaves of three evergreen sclerophylls and a comparison with an evergreen conifer. *Journal of Plant Physiology* 140: 361-365.
- 1992 Meletiou-Christou MS, **Rhizopoulou S**, Diamantoglou S. Seasonal changes in carbohydrates, lipids and fatty acids of two Mediterranean dimorphic phrygana species. *Biochemie und Physiologie der Pflanzen* 188: 247-259.
- 1991 **Rhizopoulou S**, Diamantoglou S. Water stress-induced diurnal variations in leaf water relations, stomatal conductance, soluble sugars, lipids and essential oil content of *Origanum majorana* L. *Journal of Horticultural Science* 66: 119-125.
- 1991 **Rhizopoulou S** Meletiou-Christou MS, Diamantoglou S. Water relations for sun and shade leaves of four Mediterranean evergreen sclerophylls. *Journal of Experimental Botany* 42: 627-635.
- 1991 **Rhizopoulou S**, Davies WJ. Influence of soil drying on root distribution, water relations and leaf growth of *Ceratonia siliqua* L. *Oecologia* 88: 41-47.
- 1990 **Rhizopoulou S**. Physiological responses of *Capparis spinosa* L. to drought. *Journal of Plant Physiology* 136: 341-348.
- 1990 **Rhizopoulou S**, Mitrakos K. Water relations of evergreen sclerophylls. I. Seasonal changes in the water relations of eleven species from the same environment. *Annals of Botany* 65: 171-178.
- 1990 Diamantoglou S, **Rhizopoulou S**. The lipid content and fatty acid composition of leaves, twigs and roots of *Thymus (Coridothymus) capitatus* L. and *Sarcopoterium spinosum* Spach. during the course of a year. *Flora* 184: 221-229.

- 1990 **Rhizopoulou S**, Diamantoglou S, Passiakou L. Free proline accumulation in leaves, stems and roots of four Mediterranean native phrygana species. *Acta Oecologica* 11: 585-593.
- 1990 Diamantoglou S, Panagopoulos I, Munoz-Ferriz A, **Rhizopoulou S**. *In vitro* studies of embryo growth, callus formation and multiple bud induction of *Pinus pinea* L. *Journal of Plant Physiology* 137: 58-63.
- 1989 **Rhizopoulou S**, Angelopoulos K, Mitrakos K. Seasonal variations of accumulated ions, soluble sugars and solute potential in the expressed sap from leaves of evergreen sclerophyll species. *Acta Oecologica /Oecologia Plantarum* 10: 311-319.
- 1989 Diamantoglou S, **Rhizopoulou S**, Herbig A, Kull U. Seasonal trends in energy content and storage substances in the Mediterranean shrub *Ephedra*. *Acta Oecologica /Oecologia Plantarum* 10: 263-274.
- 1989 Diamantoglou S, **Rhizopoulou S**, Kull U. Energy content, storage substances, and construction and maintenance costs of Mediterranean deciduous leaves. *Oecologia* 81: 528-533.
- 1989 Davies WJ, **Rhizopoulou S**, Saderson R, Taylor G, Zhang J. "Water relations and growth of roots and leaves of woody plants", in: *Biomass production by fast-growing trees*. Pereira JS & Landsberg JJ (eds) Kluwer Academic The Netherlands 13-36.
- 1988 **Rhizopoulou S**, Davies WJ. "Deep rooting and turgor maintenance in young leaves contribute to the drought resistance of seedlings of *Ceratonia siliqua* L.", in: *Time-scales and water stress*. Di Castri F, Floret Ch, Rambal S & Roy J (eds) IUBS, Paris, pp. 73-80.
- 1981 **Rhizopoulou S**, Nunes MA. "Some adaptive photosynthetic characteristics of a sun plant (*Ceratonia siliqua*) and a shade plant (*Coffea arabica*)", in: *Components of productivity of Mediterranean regions*. Margaris NS & Mooney HA (eds) Dr. W. Junk Publ. The Hague, 85-89.

Articles in Greek

- 2010 **Rhizopoulou S**. Botanical Garden of Diomedes: a botanic garden from a genealogical tree. To Kapodistriako (01.05.2010), pp. 8-9.
- 2010 **Rhizopoulou S**. Properties of a symbolic garden. In the catalogue of Aphrodite Litti pp. 21-23.
- 2009 *Rhizopoulou S*. Flowering plants of Darwin. In *Lectures about evolution*. Child Services, pp. 71-88.
- 2009 **Rhizopoulou S**. Aspects about sex and biological sciences from Darwin's days to our days. *Utopia* 87: 137-147.
- 2009 **Rhizopoulou S**. Theodore Heildreich. *Aiginaia* 17: 76-80.
- 2008 **Rhizopoulou S**. Reflections of watercolors indicate plant biodiversity. *Proceedings 2nd Congress of Science and Art, Hellenic Society of Physics*, 1-7.
- 2007 **Rhizopoulou S**. Water relations. *The Hellenic Panorama* 59: 36-64.
- 2007 **Rhizopoulou S**, Anglos D, Argiropoulos A, Letsios K, Gkikas D, Economou S, Adypa E, Kolisis F, Fotakis K, Methenitis K, Koinis S, Meletiou-Christou MS. Color

- biosensors: an interdisciplinary research of flower signal. Proceedings 5th Congress for Education, Research and Technology, 1-7.
- 2006 **Rhizopoulou S.** Greece in the International Biology Olympiad: the second time. Electronic Journal Enaulos.
- 2005 **Rhizopoulou S.** Greece in the International Biology Olympiad: the first time. To Kapodistriako (01.12.2005), p. 12.
- 2005 **Rhizopoulou S,** Argiropoulos A, Margariti B, Filippou K. Water relations of nocturnal flowers of caper. Proceedings 10th Congress Hellenic Botanical Society, 1-9.
- 2004 **Rhizopoulou S,** Marmarinos M. On the civilization of plants: plant species in the ancient text *Oedipus in Kolonos*. BIO 11: 50-52.
- 2004 Mayrogiannou H, Koutsodimou M, **Rhizopoulou S.** A garden of illusion. BIO 9: 50-52.
- 2004 Bardoutsos N, Kyriazoglou T, Kourtis N, Mantzoutas G, Dimitriadis A, **Rhizopoulou S.** *Arabidopsis thaliana*: between the weed and the model. BIO 13: 58-61.
- 2001 **Rhizopoulou S.** Plants in the catacombs of Milos. Sunday press (22.04) pp. 8-9.
- 2000 **Rhizopoulou S.** Current aspects for water flow in higher plants. Proceedings 8th Congress Hellenic Botanical Society, 372-375.
- 2000 Kapolas G, Kotzamanis G, **Rhizopoulou S.** Catacombs on Milos Island: monument and ecosystem. Proceedings 8th Congress Hellenic Botanical Society, 176-179.

Presentations in International conferences

- 2008 **Rhizopoulou S.** Theophrastus, the Peripatetic school and the Botanical Garden, International Congress of Zoology, Paris.
- & Argiropoulos A, Gikas D, Anglos D, **Rhizopoulou S.** Visual perception and properties of flowering tissues of caper. Laserlab Foresight Workshop, Heraclion, p. 7.
- 2007 Letsios C, Methenitis C, **Rhizopoulou S.** Anglos D. Spectroscopic studies of anthocyanins from the red petals of *Nerium oleander* L. 5th International Conference on Instrumental Methods of Analysis. Modern Trends and Applications, Patras.
- & **Rhizopoulou S.** Art imitates nature (Theophrastus *The Causes of Plants* II.18.2): Plants. 2nd International Symposium of Integrative Zoology, Beijing.
- 2005 **Rhizopoulou S.** Plants as estimates of civilization: first we take Oedipus then we take Theophrastus. XVII International Botanical Congress, Vienna, P2516, p. 634.
- & Argiropoulos A, **Rhizopoulou S.** Nocturnal anthesis of caper: Does time matter? XVII International Botanical Congress, Vienna, P1672, p. 502.
- 2004 **Rhizopoulou S.** Plants of symbolism in the Olympic Games. Fulbright's Scholars International Interdisciplinary Conference, *Olympism and the Fulbright Spirit: Humanism in action*. Athens.
- & **Rhizopoulou S.** Vegetation and symbolic plants in Delphi. 2nd International Congress for Roumeli, Messologi.
- 2002 Alexandredes N, **Rhizopoulou S.** Visualizing anthesis. Plant Reproduction Pennsylvania State University (Poster Award).

- & Argiropoulos A, **Rhizopoulou S**. Structural traits of petals from Mediterranean plants. Plant Reproduction, Pennsylvania State University (Poster Award).
- 2001 Ioannidi E, Alexandredes N, **Rhizopoulou S**. Ephemeral anthesis in *Capparis spinosa* L. Annual Meeting of ASBP, The Rhode Island (USA).
- 2000 Meletiou-Christou MS, **Rhizopoulou S**. Photosynthetic response of *Laurus nobilis* and *Nerium oleander* to air pollution. MEDECOS, South Africa.
- 1999 **Rhizopoulou S**, Psaras GK, Kotzamanis G, Nassios K. Root invasion in the Milos catacombs. Annual meeting of the American Society of Plant Biologists (ASPB), Baltimore.
- & **Rhizopoulou S**. Psaras GK, Meletiou-Christou MS. Physiological and anatomical features of leaves from two evergreen sclerophylls grown in the city of Athens. EURECO, Halkidiki.
- 1997 **Rhizopoulou S**. Is negative turgor fallacious? 1st Balcanic Botanical Congress, Thessalonica.
- & Papavassiliou A, Mantzikou E, Kotzamanis G, Nassios K, Psaras GK, **Rhizopoulou S**. Leaf structure and function of *Pistacia lentiscus*. 1st Balcanic Botanical Congress.
- 1994 **Rhizopoulou S**. Plants' response to drought. The case of *Capparis spinosa* L. Seminar, Kuwait University, Department of Botany.
- 1991 **Rhizopoulou S**. Plant water relations. In: Chronobiology and its applications in plants. Erasmus summer course, Freiburg University.
- 1990 **Rhizopoulou S**. Meletiou-Christou MS, Diamantoglou S. The physiology of sun and shade leaves of evergreen sclerophylls. Proceedings of 7th Congress FESPP, Umea. Physiologia Plantarum 79: 313.
- & Meletiou-Christou MS, **Rhizopoulou S**. Diamantoglou S. The biochemistry of sun and shade leaves of evergreen sclerophylls. 7th Congress FESP, Umea. Physiologia Plantarum 79: 314.
- 1987 **Rhizopoulou S**. Davies WJ. Deep rooting and turgor maintenance of seedlings of *Ceratonia siliqua* L. MECEDOS, Time-scale of water stress responses of Mediterranean Biota, Montpellier.
- & **Rhizopoulou S**. Davies WJ. Root distribution and water use by *Eucalyptus* plants. Advanced research workshop of woody plants for fiber and energy, Obidos (Portugal).
- 1986 Meletiou-Christou MS, **Rhizopoulou S**. Diamantoglou S. Phospholipids and phospholipid fatty acid composition in the leaves of Mediterranean evergreen sclerophylls. 5th Congress FESPP, Hamburg.
- & **Rhizopoulou S**. Diamantoglou S, Meletiou-Christou MS. Comparative proline measurements in the leaves of Mediterranean evergreen-sclerophylls. 5th Congress FESPP, Hamburg.
- 1985 **Rhizopoulou S**. Mitrakos K. Analysis of leaf water relations in Mediterranean evergreen sclerophylls. Advanced workshop on Plant response to stress, Sesimbra.
- 1984 **Rhizopoulou S**. Mitrakos K. Carbohydrates and amino acids: osmotic adjustment in evergreen sclerophyll shrubs. Proceedings 4th Congress FESPP, p. 265, Strasbourg.

- 1981 **Rhizopoulou S.** Nunes MA. Some adaptive photosynthetic characteristics of a sun plant (*Ceratonia siliqua*) and a shade plant (*Coffea arabica*). International Congress Components of productivity of Mediterranean regions, Halkidiki.
- & **Rhizopoulou S.** Diamantoglou S. Effect of water stress on essential oil production in *Majorana hortensis* Moench. International Symposium on aromatic plants. Halkidiki.
- & Diamantoglou S, **Rhizopoulou S.** Essential oil and carbohydrates content in evergreen sclerophyll species. International symposium on aromatic plants, Halkidiki.

Presentations in National Conferences

- 2011 Cin D'Agata D, Skoula M, Harris S, **Rhizopoulou S.** Flora Graeca Sibthorpiana in Crete. 12th HBE (Hellenic Botanic Society).
- & Babali A, **Rhizopoulou S.**, Kefalas P, Katsarou A. On *Loranthus europaeus*. 12th HBE.
- & Argiropoulos A, **Rhizopoulou S.** Micromorphology of glowers of *Oxalis pes-caprae*. 12th HBE.
- & Gikas D, **Rhizopoulou S.** Roughness of surfaces of mediterranea plants. 12th HBE.
- & Koukou D, **Rhizopoulou S.**, Meletiou MS, Fotakis K. On leaf microsculpture. 12th HBE.
- & Chimona C, **Rhizopoulou S.** On flowers' microsculpture *Asphodelus ramosus* L. 12th HBE.
- 2009 **Rhizopoulou S.** The flowering plants of Darwin. Darwin 2009, Schools of Geitonias, 7-8 November, Athens
- & Petropoulou P, **Rhizopoulou S.** A study on the colorful flowers of oleander. 31st th Congress, Hellenic Biological Society (HBLS), Patras.
- & Athanassopoulos A, Katsorhis Th, **Rhizopoulou S.** The educational role of the botanic gardens, with an emphasis on the Botanic Garden of Julia and Alexander Diomedes. 31st Congress, HBLS, Patras.
- & Cheimonas M, **Rhizopoulou S.**, Margaritis L. The role of micro waved water on the early stages of plants growth. 31st HBLS, Patras.
- & Argiropoulos A, **Rhizopoulou S.** The color of the flowers from indigenous Mediterranean plants. 11th Congress, HBS, Athens.
- & Gkikas D, Argiropoulos A, **Rhizopoulou S.** On the surface of pollen grains. 11th Congress, HBS, Athens.
- & **Rhizopoulou S.**, Harris S. The magnificent *Flora Graeca*. 11th Congress HBS, Athens.
- & Mamareli P, **Rhizopoulou S.** Seasonal flowering of chicory. 11th Congress HBS.
- & Koukou D, **Rhizopoulou S.**, Fotakis K. Water repellent surfaces of leaves from mediterranean plants. 11th Congress HBS, Athens.
- & Georgiou B, Zaharakis G, **Rhizopoulou S.** A 3-D illustration of somatic embryos of *Ceratonia siliqua* L. using optical tomography. 11th Congress HBS, Athens.
- & Economou SN, **Rhizopoulou S.** The botanic garden of Hippocrates on Kos Island. 11th Congress, HBS, Athens.
- & Cheimona Ch, **Rhizopoulou S.** Green and white areas of petals of *Capparis spinosa*. 11th Congress HBS, Athens.
- 2008 Mgelatze-Mermarinou V, Skoura-Vernava T, **Rhizopoulou S.** Color: ancient theories and current aspects. 30th Congress, HBLS, Thessalonica.

- & Sakka E, Katsorhis Th, **Rhizopoulou S**. International Biology Olympiad: Argentina 2007. 30th Congress, HBLS, Thessalonica.
- & Mamareli P, **Rhizopoulou S**. The discoloration of chicory flowers. 30th Congress, HBLS, Thessalonica.
- & Argiropoulos A, **Rhizopoulou S**. The microrelief of pollen grains. 30th Congress, HBLS, Thessalonica.
- & Georgiou B, **Rhizopoulou S**, Diamantoglou S. Somatic embryo genesis in carob tree. 4th Joint congress Botanical, Ecological, Zoological & Phycological Societies, Bolos.
- 2007 Economou S, **Rhizopoulou S**. On the pigments of flowers of apple and cherry trees. 29th Congress, HBLS, Kavala.
- & Garofalakis G, **Rhizopoulou S**. On the flowering of *Cistus incanus* L. 29th Congress, HBLS, Kavala.
- & Gkikas D, **Rhizopoulou S**. Is nanorelief of petal's surface related with the color of flower? 29th Congress, HBLS, Kavala.
- & Cheimona Ch, Karioti A, Skaltsa E, **Rhizopoulou S**. Studying substances in the petals of asphodel. 29th Congress, HBLS, Kavala.
- 2005 Stamelloy A, Margariti B, Papargyris T, **Rhizopoulou S**. On the pigments of flowers. 27th Congress, HBLS, Nafplion.
- 2004 Marmarinos M, Stefanopoulou S, Cheimona Ch, Mavragani G, Tzounakas B, **Rhizopoulou S**. Tropism in the ecosystem of a town. 26th Congress, HBLS, Bolos.
- & **Rhizopoulou S**. On blossoming. 26th Congress, HBLS, Bolos.
- 2003 **Rhizopoulou S**, Margaritis L. An historical view of the Hellenic Biological Society. 25th Congress, HBLS, Lesvos.
- & Ioannidi E, **Rhizopoulou S**. Expasins in *Capparis spinosa* L. 25th Congress, HBLS.
- & Rizou A, **Rhizopoulou S**. Symbolic plants of the Olympic Games. 25th Congress HBLS.
- & Mantzikou E, **Rhizopoulou S**. Comparative seasonal growth of flowers of carob tree during spring and autumn. 25th Congress, HBLS, Lesvos.
- 2002 Athanassopoulos A, Meidanis C, **Rhizopoulou S**, Karagouni A. White of red?: the microcosmus of oleander flowers. 24th Congress, HBLS, Eretria.
- & Zervou D, Diallinas G, **Rhizopoulou S**. Expansins in growing tissues of melon. 24th Congress, HBLS, Eretria.
- 2000 Argiropoulos A, **Rhizopoulou S**. The morphology of epidermal cells of flowers petals. 22nd Congress, HBLS, Skiathos.
- & Schneider K, Alexandres N, Ioannidi E, Zervou D, Athanassopoulos A, **Rhizopoulou S**. Aspects of flowers development. 22nd Congress, HBLS, Skiathos.
- 1999 Kotzamanis G, Kapolas G, Nassios K, **Rhizopoulou S**. Invasive roots in the catacombs of Milos. 21st Congress, HBLS, Syros.
- & Georgiou B, **Rhizopoulou S**, Diamantoglou S. Somatic embryogenesis in *Ceratonia siliqua* L. 21st Congress, HBLS, Syros.
- 1992 Heberlein K, Kassianou A, **Rhizopoulou S**. Stomatal response of caper: diurnal changes during the drought period. 14th Congress, HBLS, Nicosia.
- 1991 Zapanti S, Triantafylli E, **Rhizopoulou S**. Proline and chlorophyll distribution in the leaves of asphodel. 13th Congress, HBLS, Heraklion.

- & Dre M, Redi B, **Rhizopoulou S**. Essential oils and soil microorganisms affect germination and growth of tomato seedlings. 13th Congress, HBLS, Heraklion.
- & Papanagiotti EK, **Rhizopoulou S**, Psaras GK. Root anatomy of *Ceratonia siliqua* under drought stress. 13th Congress, HBLS, Heraklion.
- & Kassianou A, **Rhizopoulou S**. Ecophysiological aspects of the development of *Capparis spinosa* L. 13th Congress HBLS, Heraklion.
- & Psaras GK, **Rhizopoulou S**. Intercellular space during mesophyll development. 13th Congress, HBLS, Heraklion.
- 1990 Triantafylli E, **Rhizopoulou S**. Water relations and solute accumulation in leaves and roots of asphodel. 12th Congress, HBLS, Lesvos.
- 1985 **Rhizopoulou S**, Mitrakos K. Water relations of evergreen sclerophylls during the drought period. 7th Congress, HBLS, Heraklion.
- & Psaras GK, **Rhizopoulou S**, Zografou EN. Water transport in phryganic plants. 7th Congress, Hellenic Biological Society (HBS), Heraklion.
- 1984 **Rhizopoulou S**, Mitrakos K. On the osmotic adjustment of evergreen sclerophylls. 3rd Congress, Hellenic Botanical Society (HBLS), Thessalonica.

Other professional activities

Research - Grants as Principal Investigator

- 2010-2013 Biomimetic and hydrophobic properties of floral tissues.
- 2010-2013 Water repellent properties of leaf-surfaces.
- 2006-2010 How many plants of Flora Graeca are still growing in Greece?
- 2005-2009 On flower color.
- 2005-2008 The biodiversity of flower pigments from native Mediterranean plants.
- 2003 Flower pigments from Mediterranean plants.
- 2002-2004 Ecosystem of a town. Joint research programme between Greece and Georgia.
- 2001 Cell wall properties of seedlings of carob tree.
- 1999 Water relations of petals.
- 1998-2000 Plants invasive the old catacombs on Milos island. Joint research programme between Greece and UK.
- 1997-1999 Primary productivity of evergreen sclerophylls. Joint research programme between Greece and Germany.
- 1997 Plants invasive old walls in Olympus on Karpathos Island.

Participation in Research Programs

- 2011 ARHAEOSCAPE Integrated management of vegetation at archaeological sites to protect monuments and enhance the historical landscape
- 2011 MicroRNAs and Transcription Factor Networks in the regulation of cell differentiation, aging & tumorigenesis
- 2008-2011 LifeWatch, FP7-infrastructures, E.E. (preparatory phase).
- 1997-2000 Roots of plants in the Catacombs on Milos island. Ministry of Civilization, Greece.

- 1996 Training of European Environmental trainers in order to disseminate multinational skills between European countries, by using distance learning and telematics technologies, TREE, Leonardo da Vinci.
- 1992 Photosynthetic and stomatal responses to CO₂ enrichment of the atmosphere, EPOCH, coordinator Prof. P. Jarvis (Edinburgh University).

EXPERT EVALUATION

- 1997-2012 Manuscripts submitted in International Journals.
- 2002 Textbooks about Plants, for the Open University of Greece
- 2001 LIFE programme, Biological Sciences, European Commission.
- 2001 Plant biology textbooks for undergraduate students, University of Patras, Greece
- 1991-2001 Research projects sponsored by the Greek Ministry of Research and Technology
- 1994-1995 Research projects sponsored by Kuwait University.

Membership and activities in professional associations

Association of Fulbright Scholars
 D.A.A.D. Alumni-Veranstaltung
 Botanical Society of America
 Federation of European Societies of Plant Biologists
 Hellenic Botanical Society
 Hellenic Biological Society

Professional honors, awards and fellowships

- 2012 Fulbright Foundation Research Award, Harvard University, USA
- 2011 Greek Ministry of Education: Sabanci University Istanbul
- 2006 Scholarships British Council: University of Oxford, UK.
- 1998 Fulbright Foundation Scholarship: Senior Research Award, Pennsylvania State University, USA.
- 1996 Greek Ministry of Education and Deutscher Akademischer Austauschdienst: University of Bielefeld, Germany.
- 1992 Scholarship, Royal Society (UK): Edinburgh University, Scotland.
- 1992 Erasmus Scholarships (European Commission): Lancaster University, UK.
- 1991 Greek Ministry of Education: Univ. Freiburg & Stuttgart, Germany.
- 1990 Erasmus Scholarship (European Commission): Lancaster University, UK
- 1990 Scholarship, Deutscher Akademischer Austauschdienst: Freiburg University, Germany.
- 1986.1987 Post-doctoral Fellowship: Lancaster University, Division of Biological Sciences, UK
- 1979 Scholarship, Ministry of Agriculture of Portugal: Estacao Agronomica National in Lisbon, Portugal

Community services

- 2011 Flora Graeca in the Mediterranean landscape. Lecture in the Museum Benaki Athens (organization: Philodassiki).
- 2010 Plants in Codices. Lecture Zografeion Lyceum, Istanbul (16/12/2010).
- 2010 Flora Graeca in the Mediterranean landscape. Lecture in the Museum of Athens (celebrating day of museums, 18/05/2010).
- 2010 Water relations. Lecture in Panorama (www.apan.gr).
- 2010 Plants in the Levant: Flora Graeca Sibthorpiana and codices of Dioscorides. Lecture in the American College in Athens.
- 2010 The biodiversity of Mediterranean plants. Lecture in the National Research Center in the frame of seminars about Society and Science
- 2009 The garden of Hippocratic, Kos Island.
- 2009 Rhizotomoi: root cutters in antiquity. Lecture in Panorama.
- 2009 Women scientists in Europe during the 18th century. Lecture in the National Research Center in the frame of seminars about Society and Science
2008. A promenade in the Botanical Garden of Diomedes. Open day for public, celebrating the 171st anniversary of the University of Athens, in the frame of activities entitled "Civilization and Environment".
- 2008 Symbolic plants and ancient herbs of Greece: collaboration with General Secretary of Tourism of Australia and New Zealand.
- 2008 Plants in Arcadia. Lecture in the Town hall of Phalanthos in Arcadia.
- 2008 Evaluation in the Universities. Lecture in the American Athens College.
- 2008 Tolerant plant species. Lecture in Town hall of Chaidari (suburb of Athens).
- 2006 Women in science: Aphrodite's child? Lecture in the Society of Greek Scientists, in the frame of a symposium on Education of women.
- 2006 Lecture about transgenic plants in our plates: Round table in the Town hall of Psychiko (suburb of Athens).
- 2005 International Biology Olympiad Presentation in Lyceums of Athens.
- 1991-1992 Mediterranean ecosystems: seminar for unemployed women, in Athens city hall.
- 1981 UNESCO Summer School, method for interdisciplinary research on Mediterranean island and coastal ecosystems.