



WP4 References

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M/C : Meeting / Communication; Paper; PR : Project Report; SP : Student Project; OnLine : OnLine Publication; BC : Book Chapter * ** FFT : Free Full Text OnLine; S+PPV : Summary + Pay Per View Full Text

Year	Reference	Kind of Document*	Availability **	Link online
2008 ▶	Baodi, D., Mengyu, L., Hongbo, S., Quanqi, L., lei, S., Feng, D. and Zhengbin, Z. 2008. Investigation on the relationship between leaf water use efficiency and physio-biochemical traits of winter wheat under rained condition. Colloids and Surfaces B: Biointerfaces. 62:280-287.	Paper	S+PPV	http://www.sciencedirect.com/science?
2008 ▶	Fernholz, M.C. 2008. Evaluation of four sorghum hybrids through the development of sorghum flour tortillas. Kansas State University. 138pp.	SP	S+PPV	http://krex.k-state.edu/dspace/handle/2097/729
2008 ▶	Garfield, L.M. and Walker, M.J. 2008. Water potential changes in faecal matter and Escherichia coli survival. Journal of Applied Microbiology. 105:1009-1016.	Paper	S+PPV	http://www.blackwell-synergy.com/doi/abs/10.1111/j.1365-2672.2008.03827.x
2008 ▶	Hamamoto, S., Tokida, T., Miyazaki, T. and Mizoguchi, M. 2008. Dense gas flow in volcanic ash soil: Effect of pore structure on density-driven flow. Soil Sci. Soc. Am. J. 72:480-486.	Paper	S+PPV	http://soil.scijournals.org/cgi/content/abstract/72/2/480
2008 ▶	Moore-Kucera, J. and Dick, R.P. 2008. PLFA profiling of microbial community structure and seasonal shifts in soils of a douglas-fir chronosequence. Microb. Ecol. 55:500-511.	Paper	S+PPV	http://www.springerlink.com/content/m573v4p17g5218u4/
2008 ▶	Nardini, A., Ramani, M., Gortan, E. and Salleo, S. 2008a. Vein recovery from embolism occurs under negative pressure in leaves of sunflower (<i>Helianthus annuus</i>). Physiologia Plantarum. 133:755-764.	Paper	S+PPV	http://www.blackwell-synergy.com/doi/abs/10.1111/j.1399-3054.2008.01087.x
2008 ▶	Nardini, A., Ramani, M., Gortan, E. and Salleo, S. 2008b. Heterogeneity of gas exchange rates over the leaf surface in tobacco: an effect of hydraulic architecture? Plant, Cell and Environment. 31:804-812.	Paper	S+PPV	http://www.blackwell-synergy.com/doi/abs/10.1111/j.1365-3040.2008.01798.x

2008 ▶	Serpe, M.D., Zimmerman, S.J., Deines L. and Rosentreter, R. 2008. Seed water status and root tip characteristics of two annual grasses on lichen-dominated biological soil crusts. <i>Plant Soil</i> . 303:191-205.	Paper	S+PPV	http://www.springerlink.com/content/e247530w8v5r674q/
2008 ▶	Xu, Z. and Zhou, G. 2008. Responses of leaf stomatal density to water status and its relationship with photosynthesis in a grass. <i>Journal of Experimental Botany</i> . 59(12):3317-3325.	Paper	FFT	http://jxb.oxfordjournals.org/cgi/content/short/59/12/3317
2008 ▶	Yang, L., Miki, N., Harada, N., Hirobe, M., Sakamoto, K. and Yoshiwawa, K. 2008. Response of water-use properties and growth of <i>Sabina vulgaris</i> Ant. In different water conditions. <i>J. Env. Scie. Sustain. Soc.</i> 2:27-34.	Paper	FFT	http://www.jstage.jst.go.jp/article/jesss/2/0/2_27/article
2008 ▶	Zhuang, J., McCarthy, J.F., Perfect, E., Mayer, L.M. and Jastrow, J.D. 2008. Soil water hysteresis in water-stable microaggregates as affected by organic matter. <i>Soil Sci. Soc. Am. J.</i> 72:212-220.	Paper	S+PPV	http://soil.scijournals.org/cgi/content/abstract/72/1/212
2007 ▶	Augé, R.M., Toler, H.D., Moore, J.L., Cho, K. and Saxton, A.M. 2007. Comparing contributions of soil versus root colonization to variations in stomatal behavior and soil drying in mycorrhizal <i>Sorghum bicolor</i> and <i>Cucurbita pepo</i> . <i>Journal of Plant Physiology</i> . 164:1289-1299.	Paper	S+PPV	http://www.sciencedirect.com/science?
2007 ▶	Benson, C.H., Sawangsuriya, A., Trzebiatowski, B. and Albright, W.H. 2007. Postconstruction changes in the hydraulic properties of water balance cover soils. <i>J. Geotech. and Geoenviron. Engrg.</i> 133(4):349-359.	Paper	S+PPV	http://scitation.aip.org/getabs/servlet/GetabsServlet?prog=normal&id=JGGEFK000133000004000349000001&idtype=cvips&gifs=yes
2007 ▶	Brown, C.E. and Pezeshki, S.R. 2007. Threshold for recovery in the marsh halophyte <i>Spartina alterniflora</i> grown under the combined effects of salinity and soil drying. <i>Journal of Plant Physiology</i> . 164:274-282.	Paper	S+PPV	http://www.sciencedirect.com/science?
2007 ▶	Campbell, G.S., Smith, D.M. and Teare, B.L. 2007. Application of a dew point method to obtain the soil water characteristic. <i>Experimental Unsaturated Soil Mechanics</i> . 112:71-77.	Paper	FFT	http://www.springerlink.com/content/p33t279u106856p5/
2007 ▶	Cardoso, R., Romero, E., Lima, A. and Ferrari, A. 2007. A comparative study of soil suction measurement using two different high-range psychrometers. <i>Experimental Unsaturated Soil Mechanics</i> . 112:79-93.	Paper	S+PPV	http://www.springerlink.com/content/g0uu684n74015t77/
2007 ▶	Cervera, J.C., Andrade, J.L., Graham, E.A., Durán, R., Jackson, P.C. and Simá, J.L. 2007. Photosynthesis and optimal light microhabitats for a rare Cactus, <i>Mammillaria gaumeri</i> , in two tropical ecosystems. <i>Biotropica</i> . 39(5):620-627.	Paper	S+PPV	http://www3.interscience.wiley.com/journal/118501556/abstract?CRETRY=1&SRETRY=0
2007 ▶	Chang, W.S., van de Mortel, M., Nielsen, L., Nino de Guzman, G., Li, X. and Halverson, L.J. 2007. Alginate reduction by <i>Pseudomonas putida</i> creates a hydrated microenvironment and contributes to biofilm architecture and stress tolerance under water-limiting conditions. <i>Journal of Bacteriology</i> . 189(22):8290-8299.	Paper	S+PPV	http://jb.asm.org/cgi/content/abstract/189/22/8290

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2007 ▶	Maggio, A., Raimondi, G., Martino, A. and De Pascale, S. 2007. Salt stress response in tomato beyond the salinity tolerance threshold. <i>Environmental and Experimental Botany</i> . 59:276-282.	Paper	S+PPV	http://www.sciencedirect.com/science?
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2007 ▶	Nason, M.A., Farrar, J. and Bartlett, D. 2007. Strobilurin fungicides induce changes in photosynthetic gas exchange that do not improve water use efficiency of plants grown under conditions of water stress. <i>Pest Management Science</i> . 63(12):1191-1200.	Paper	S+PPV	http://www.ingentaconnect.com/content/jws/ps/2007/00000063/00000012/art0006
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2007 ▶	Patrick, P., Olsen, H. and Higgins, J. 2007. Comparison of chilled-mirror measurements and filter paper estimates of total soil suction. <i>Geotechnical Testing Journal</i> . 30(5).	Paper	S+PPV	http://www.astm.org/JOURNALS/GEOTECH/PAGES/GTJ100096.htm
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2007 ▶	Rivero, R.M., Kojima, M., Gepstein, A., Sakakibara, H., Mittler, R., Gepstein, S. and Blumwald, E. 2007. Delayed leaf senescence induces extreme drought tolerance in a flowering plant. <i>PNAS</i> . 104(49):19631-19636.	Paper	S+PPV	http://www.pnas.org/content/104/49/19631.abstract
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2007 ▶	Stroes-Gascoyne, S., Hamon, C.J., Dixon, D.A. and Martino, J.B. 2007. Microbial analysis of samples from the tunnel sealing experiment at AECL's underground research laboratory. <i>Physics and Chemistry of the Earth</i> . 32:219-231.	Paper	S+PPV	http://www.sciencedirect.com/science?

2007 ▶	Tarasoff, C.S. 2006. The biology and ecology of weeping alkaligrass (<i>Puccinellia distans</i>) and nuttall's alkaligrass (<i>Puccinellia nuttalliana</i>). Oregon State University. 204pp.	SP	FFT	http://ir.library.oregonstate.edu/dspace/handle/1957/3943
2007 ▶	Thakur, V. and Singh, D. 2005. Rapid determination of swelling pressure of clay minerals. Journal of Testing and Evaluation. 33(4).	Paper	S+PPV	http://www.astm.org/JOURNALS/GEOTECH/PAGES/GTJ100455.htm
2007 ▶	Wang, R., Bai, Y. and Tanino, K. Seedling emergence of Winterfat (<i>Krascheninnikovia lanata</i> (Pursh) A.D.J. Meeuse & Smit) in the field and its prediction using the hydrothermal time model. Journal of Arid Environments. 64:37-53.	Paper	S+PPV	http://www.sciencedirect.com/science?
2007 ▶	Zhang, J.G., Duan, A.G., Sun, H.G., Fu, L.H., Zheng, S.X. and He, C.Y. 2007. Proteins responding to drought and high-temperature stress in <i>Pinus armandii</i> Franch. Canadian Journal of Botany. 85(10):994-1001.	Paper	S+PPV	http://www.ingentaconnect.com/content/nrc/cjb/2007/00000085/00000010/art00011
2007 ▶	Zhao, C.M., Wang, G.X., Wei, X.P., Deng, J.M. and Cheng, D.L. 2007a. Effects of groundwater depth variation on photosynthesis and photoprotection of <i>Elaeagnus angustifolia</i> L. Trees. 21:55-63.	paper	S+PPV	http://www.academicjournals.org/AJAR/PDF/Pdf2007/Nov/Zhao%20et%20al.pdf
2007 ▶	Zhao, Y., Lu, X. and Wang, H. 2007b. Remote real-time monitoring soil water potential system based on GSM. African Journal of Agricultural Research. 2(11):565-568.	Paper	S+PPV	http://www.springerlink.com/content/t41v5q4530710867/

2006 ▶	Ali, M.B., Hahn, E.J. and Paek, K.Y. 2006. Protective role of <i>Panax ginseng</i> extract on lipid peroxidation and antioxidant status in polyethylene glycol induced <i>Spathiphyllum</i> leaves. Biochemical Engineering Journal. 32:143-148.	Paper	S+PPV	http://www.sciencedirect.com/science?
2006	Bertamini, M., Zulini, L., Muthuchelian, K. and Nedunchezian, N. 2006. Effect of water deficit on photosynthetic and other physiological responses in grapevine (<i>Vitis vinifera</i> L. cv. Riesling) plants. Photosynthetica. 44(1):151-154.	Paper	S+PPV	http://www.springerlink.com/content/p31387n8546224k1/
2006 ▶	Brown, C.E., Pezeshki, S.R. and DeLaune, R.D. 2006. The effects of salinity and soil drying on nutrient uptake and growth of <i>Spartina alterniflora</i> in a simulated tidal system. Environmental and Experimental Botany 58:140-148.	Paper	S+PPV	http://www.sciencedirect.com/science?
2006 ▶	Burgess, M.H. 2006. The biohydrology of dysart woods. College of Arts and Sciences, Ohio University. 84pp.	SP	FFT	http://www.ohiolink.edu/etd/send-pdf.cgi/Burgess%20Macdonald%20H.pdf?ohiou1164129673
2006	Cai, X., Davis, E.J., Ballif, J., Liang, M., Bushman, E., Haroldsen, V., Torabinejad, J. and Wu Y. 2006. Mutant identification and characterization of the laccase gene family in Arabidopsis. Journal of Experimental Botany. 57(11):2563-2569.	Paper	FFT	http://jxb.oxfordjournals.org/cgi/content/abstract/57/11/2563

2006 ▶	Cancela, J.J., Dafonte, J., Martínez, M.M., Cuesta, T.S. and Neira, X.X. 2006. Assessment of a water activity meter for rapid measurements of soil water potential. <i>Biosystems Engineering</i> . 94(2):285-295.	Paper	S+PPV	http://www.sciencedirect.com/science?
2006 ▶	Cartledge, V.A., Withers, P.C., McMaster, K.A., Thompson, G.G. and Bradshaw, S.D. 2006. Water balance of field-excavated aestivating Australian desert frogs, the cocoonforming <i>Neobatrachus aquilonius</i> and the non-cocooning <i>Notaden nichollsi</i> (Amphibia: Myobatrachidae). <i>The Journal of Experimental Biology</i> . 209:3309-3321.	Paper	S+PPV	http://jeb.biologists.org/cgi/content/abstract/209/17/3309
2006	Cervera, J.C., Andrade, J.L. Simá, J.L. and Grahamy, E.A. 2006. Microhabitats, germination, and establishment for <i>Mammillaria gaumeri</i> (cactaceae), a rare specie from Yucatan. <i>Int. J. Plant Sci.</i> 167(2):311–319.	Paper	S+PPV	http://www.journals.uchicago.edu/cgi-bin/resolve?id=doi:10.1086/498650&erFrom=1230958809480601031Guest
2006 ▶	Cui, H.X., Jiang, G.M., Niu, S.L., Jiang, C.D., Liu, M.Z., Yu, S.L. and Gao, L.M. 2006. Ecophysiological response of plants to combined pollution from heavy-duty vehicles and industrial emissions in higher humidity. <i>J. Integr. Plant Biol.</i> 48(12):1391-1400.	Paper	S+PPV	http://www3.interscience.wiley.com/cgi-bin/fulltext/118568030/PDFSTART
2006	Cho, K., Toler, H., Lee, J., Ownley, B., Stutz, J.C., Moore, J.L. and Auge, R.M. 2006. Mycorrhizal symbiosis and response of sorghum plants to combined drought and salinity stresses. <i>Journal of Plant Physiology</i> . 163:517-528.	Paper	S+PPV	http://www.sciencedirect.com/science?
2006	Daws, M.I., Cleland, H., Chmielarz, P., Gorian, F., Leprince, O., Mullins, C.E., Thanos, C.A., Vandvik, V. and Pritchard, H.W. 2006. Variable desiccation tolerance in <i>Acer pseudoplatanus</i> seeds in relation to developmental conditions: a case of phenotypic recalcitrance? <i>Functional Plant Biology</i> . 33(1):59–66.	Paper	S+PPV	http://www.publish.csiro.au/?act=view_file&file_id=FP04206.pdf
2006	Dodd, I.C., Theobald, J.C., Bacon, M.A. and Davies, W.J. 2006. Alternation of wet and dry sides during partial rootzone drying irrigation alters root-to-shoot signalling of abscisic acid. <i>Functional Plant Biology</i> . 33:1081–1089.	Paper	S+PPV	http://www.publish.csiro.au/nid/102/paper/FP06203.htm
2006 ▶	Dufault, N. S., De Wolf, E. D., Lipps, P. E. and Madden, L. V. 2006. Role of temperature and moisture in the production and maturation of <i>Gibberella zeae</i> perithecia. <i>Plant Dis.</i> 90:637-644.	Paper	S+PPV	http://apsjournals.apsnet.org/doi/abs/10.1094/PD-90-0637
2006 ▶	Eitel, J.U.H., Gessler, P.E., Smith, A.M.S. and Robberecht, R. 2006. Suitability of existing and novel spectral indices to remotely detect water stress in <i>Populus</i> spp. <i>Forest Ecology and Management</i> . 229:170-182.	Paper	S+PPV	http://www.sciencedirect.com/science?
2006 ▶	Fonseca, J.M. Postharvest quality and microbial population of head lettuce as affected by moisture at harvest. <i>Journal of Food Science</i> . 71(2):45-49.	Paper	S+PPV	http://www3.interscience.wiley.com/journal/118601154/abstract?CRETRY=1&SRETRY=0
2006 ▶	Hellmann, M.E. 2006. Tolerância ao congelamento e armazenamento de sementes de <i>Caesalpinia echinata</i> Lam. (pau-brasil). Instituto de Botânica da Secretaria do Meio Ambiente. 88pp.	SS	FFT	http://www.biodiversidade.pgibt.ibot.sp.gov.br/teses_dissert/moacir2006.pdf

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2006	Hill, J.P., Germino, M.J., Wraith, J.M., Olson, B.E. and Swan, M.B. 2006. Advantages in water relations contribute to greater photosynthesis in <i>Centaurea maculosa</i> compared with established grasses. <i>International Journal of Plant Sciences.</i> 167:269–277.	Paper	S+PPV	http://www.journals.uchicago.edu/cgi-bin/resolve?id=doi:10.1086/499505&erFrom=-2396883077035353755Guest
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2003 ▶	Kuhajek, J.M., Clark, A.C. Slattery, M. 2003. Ecological patterns in the antifungal activity of root extracts from rocky mountain wetland plants. Pharmaceutical Biology. 41(7):522-530.	Paper	FFT	http://scholar.google.es/scholar?q=WP4+Decagon&hl=es&lr=&as_ylo=2003&as_yhi=2003&start=10&sa=N
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2003	Londers, E., Vervaeke, I., Deroose, R. and De Proft, M. 2003. Leaf quality of <i>Aechmea</i> (Bromeliaceae) under non-adapted greenhouse conditions. ISHS Acta Horticulturae. 669:275-282.	M/C	S+PPV	http://www.actahort.org/books/669/669_36.htm
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2002	Martre, P., North, G.B., Bobich, E.G. and Nobel, P.S. 2002. Root deployment and shoot growth for two desert species in response to soil rockiness. American Journal of Botany. 89:1933-1939.	Paper	FFT	http://www.amjbot.org/cgi/reprint/89/12/1933