Publications of ICCAP members since 2002 to April 2006

ICCAP Publications

- Proceedings of the Kick-off Workshop for the Research Project on the Impact of Climate Change on Agricultural Production System in Arid Areas (ICCAP), July 2002
- 2. Proceedings of the International Workshop for the Research Project on the Impact of Climate Change on Agricultural Production System in Arid Areas (ICCAP), January 2003
- 3. The Interim Report of ICCAP The Research Project on Impact of Climate Changes on Agricultural Production System in Arid Areas (ICCAP), March 2004
- **4.** Proceedings of the International Workshop for the Research Project on the Impact of Climate Change on Agricultural Production System in Arid Areas (ICCAP), November 2004
- 5. The First Interim Report of the Socio-economic Sub-group of ICCAP An Economic and Institutional Analysis of the Impacts of Climatic Change on Agriculture and Farm Economy in Eastern Mediterranean and Central Anatolia Regions in Turkey, February 2005
- Proceedings of the International Workshop for the Research Project on the Impact of Climate Changes on Agricultural Production System in Arid Areas (ICCAP), February 2005
- The Progress Report of ICCAP The Research Project on the Impact of Climate Changes on Agricultural Production System in Arid Areas (ICCAP), April 2005
- **8.** Proceedings of the International Workshop for the Research Project on the Impact of Climate Changes on Agricultural Production System in Arid Areas (ICCAP), March 2006
- 9. The Advance Report of ICCAP The Research Project on the Impact of Climate Changes on Agricultural Production System in Arid Areas (ICCAP), May 2006 (this volume)

Books

[Climate]

Kitoh, A. 2006 Asian monsoons in the future. In: The Asian Monsoon, B. Wang (ed), Praxis, Springer, Berlin, pp. 631-649.

[Irrigation and Drainage]

Chakravorty, U. and C. Umetsu 2005 "Basinwide Water Management: A Spatial Model," In Jacqueline Geoghegan and Wayne Gray eds. *Spatial Aspects of Environmental Policy* (Series editors, Tom Tietenberg and Kathy Segerson. THE INTERNATIONAL LIBRARY OF ENVIRONMENTAL ECONOMICS AND POLICY) Hampshire, UK: Ashgate Publishing. pp.5-27.

Palanisami, K, C. R. Ranganathan and C. Umetsu "Groundwater Over-Exploitation and Efficiency in Crop Production: Application of Data Envelopment Analysis." Accepted for

- edited volume "Economics of Agriculture and Natural Resources," New York: Nova Science Publishers. (forthcoming)
- Watanabe, T. 2003 "Water Crisis in 21st Century Approach from Agriculture". No-Bun-Kyo. pp.82-93. (in Japanese)
- Watanabe, T. 2003 "Water for agriculture and water for region", Yukiko Kada ed. (People and Nature around water- from actual scenes in Japan and the world), Yuhikaku, pp.231-264. (in Japanese)

[Socio-Economics]

- Herianto, A., Ageng H., H. Tsujii, S. Mugniesyah and J. N Chianu 2003 "An Econometric Analysis of Agricultural Sustainability in a Mountainous Area of West Java (A Case Study of Kemang Village)" Proceedings of the Second Seminar of JSPS-DGHE Core University Program, "Harmonization between Development and Environmental Conservation in Biological Production," the University of Tokyo, pp. 274-288.
- Hoken, H., T. Senda, H. Tsujii, Y. Matsuda and A. Asami 2002 "The Data Matching Method and Its Results for the 20% Sample Panel Data of the Chinese Fixed Point Observation Survey", *Proceedings of the Panelization of the Chinese Fixed Point Farm Observation Survey Data and Economic Analyses of the Panel Data*, Beijing: pp.1-21. (in Japanese)
- Ishida, M., T. Koike, I. Sasaki and H. Tsujii, eds., 2003 *The Problems and Prospects of Farm Management Support*, Yokendo Pub. Com., 231p. (in Japanese)
- Mizuno, K., S. Mugniesyah, A. Herianto and H. Tsujii 2003 "Agricultural Sustainability and Economic Activities in a Highland Village in West Java Duration of Land Use Cycles in the Highlands", *Proceedings of the Second Seminar of JSPS-DGHE Core University Program,* "Toward Harmonization between Development and Environmental Conservation in Biological Production," held at the University of Tokyo, pp. 257-273, February 15-16.
- Shechter, M. and C. Giupponi, Eds. 2003 Climate Change in the Mediterranean: Socio-Economics Perspectives of Impacts, Vulnerability and Adaptation. Cheltenham, UK.: Edward Elgar Publishing.
- Tsujii, H. and D. H. Darwanto 2001 "The Market Fundamentalism and Indonesian Rice and Food Crisis," A paper included in The Proceedings of the First Seminar Toward Harmoinization between Development and Environmental Conservation in Biological Production, JSPS-DGHE Core University Program in Applied Biosciences Held at Yayoi Auditorium, The University of Tokyo During February 21-23, 2001, pp.1-21.
- Tsujii, H. 2001 "An Economic Theory for Agricultural Insurance," Chapter 2 of *An Economic Analysis of Agricultural Insurance* ed. By T. Hasebe and K. Yoshii, Tokyo: Norin Tokei Kyokai, pp. 19-32. (in Japanese)

- Tsujii, H. 2001 "Food Supply and the Limits on Cultivable Land and Water in China," *A Research Report on Environmental Sustainability and Resources Survey of the Earth by Satellite*, Chapter 4, Shigen Kyokai, pp.174-187. (in Japanese)
- Tsujii, H. 2001 "Food, Agriculture, and Agricultural Policy, and Economic Crisis of Thailand" *A Research Report of Asian Food and Agriculture Situation for 2000*, Tokyo: The Support Fund for International Agricultural Relation and Food Support. (in Japanese)
- Tsujii, H. 2001 "A Research on Agricultural and Food Cooperation among the East Asian Coutnries: A Thai Case," Tokyo: NIRA.
- Tsujii, H. 2002 "The Special Characteristics of the International Rice Market and Their Implications for Rice Self-sufficiency Policy in the 21st Century," Chapter 22, in Yoshinori Yasuda, ed., *The Origins of Pottery and Agriculture*, New Delhi: Roli Books and Lustre Press, pp. 327 -345.
- Tsujii, H., Y. Senda, L. Cao, X. Zhang, and W. Zhang 2002 "An Econometric Analysis of Changes in the Rural Income Distribution and Their Relationships with the Real Per Capita Farm Income During the Post-liberalization Period in China Using the Complete Panel Data of the Selected 20% of the RCRE Micro Farm Data of the Rural China Fixed Point Observations ," *Proceedings of the International Workshop on Statistical Micro Data Analysis for FSRS*, Beijing, China, pp. 214-223.
- Tsujii, H., A. Herianto and S. S. M. Mugniesyah 2003 "A Multinomial Logit Analysis of Agroforesters' Perception of Plot-wise Soil Fertility and Soil Mining - Fast Expansion of Leaf Banana in a Mountainous Village of West java -," in Y. Hayashi, Syafrida Manuwoto, and Slamat Hartono, eds., Sustainable Agriculture in Indonesia, Gadja Madah Univeisty Press, pp.295-316.
- Tsujii, H. and D. H. Darwanto 2003 "Econometric Analysis of Indonesian Rice Economy and Policy: The Market Fundamentalism as the Cause of the 1997-98 Rice Crisis," Y. Hayashi, Syafrida Manuwoto, and Slamat Hartono, eds., *Sustainable Agriculture in Indonesia*, Gadja Madah University Press, pp.185-204.
- Tsujii, H. 2004 "An Analysis of the World Food Demand and Supply" T. Watabe and Y. Kaida eds., *The Problems Relating to Environment and Population, and Food Production*, Chapter 4, Noringyosonbunkakyokai. (in Japanese)
- Tsujii, H. 2004 "A Criticism of the Heisei Agricultural Changes Reading Its Interim Review: Liberalization and Structural Innovation of Agriculture are the Results of Black Board Economics and Thus Needs Basic Corrections" The Research Beauro of the Diet. ed., *The Opinions of Scholars and Experts on the Heisei Agricultural Policy Reform*, Chapter 4, pp. 19-24. (in Japanese)

- Tsujii, H. 2004 "The Situtaion of Food and Agriculture," K. Fukuoka, ed., *The Earth Environment Databook* 2004-2005, The First Section, Tokyo: World Watch Japan, pp. 4-49.
- Tsujii, H., Y. Matsuda and A. Asami, eds. 2005 The Equity and Efficiency in Rural China, Taga Publishing Co., 500p. (in Japanese)
- Tsujii, H. 2005 An Economic Study of the World Rice Market, The Final Report of the Scientific Research Project(C) Supported by a Research Grant of Ministry of Education, Science, Sports and Culture, Japanese Government, Kyoto University.
- Tsujii, H., K. Yagura and R. Senda 2005 "An Econometric Analysis of the Effects of the Real Farm Income to Rural Income Distribution During the Liberalization Period" Chapter 1 of the Second Section and the Introduction, in Hiroshi Tsujii, Y. Matsuda, A. Asami, eds., *The Equity and Efficiency in Rural China*, Taga Publishing Co. (in Japanese)
- Tsujii, H. 2005 "The Paradigm Transformation and Good Economic Effects of the Dual Track Development Strategy of Thailand" *A Research Report of Asian Food and Agriculture Situation for 2004*, Tokyo: The Association for International Agricultural Cooperation and Relation, pp. 3-25. (in Japanese)
- Tsujii, H. 2006 "A Criticism of the Single Farm Payment Policy of the Heisei Agricultural Changes" The Research Beauro of the Diet. ed., *The Opinions of Scholars and Experts on the Single Farm Payment Policy of the Heisei Agricultural Policy Reform.* (in Japanese)

Papers

[Climate]

- Alpert, P. and A. Ben-Zvi 2001 Climate change impact on the availability of water resources in Israel, Water Water engineering (in Hebrew Mayim Handasat Mayim), 51, pp.10-15.
- Alpert, P., T. Ben-Gai, A. Baharad, Y. Benjamini, D. Yekutieli, M. Colacino, L. Diodato, C. Ramis, V. Homar, R. Romero, S. Michaelides and A. Manes 2002 The paradoxical increase of Mediterranean extreme daily ranifall in spite of decrease in total values, Geophysical Research Letters, 29 (11), 31:pp.1-4.
- Alpert, P. and M. Rabinovich-Hadar 2003 Pre- and post- sea-breeze frontal lines- A meso gamma scale analysis over south Israel, J. Atmos. Sci., 60, pp.2994-3008.
- Alpert, P., I. Osetinsky, B. Ziv and H. Shafir 2003 A New Definition to the Seasons Based on Synoptic Systems and Example for Israel, Judea and Samaria Research Studies, Vol. 12, Ariel, pp.371-378. (in Hebrew)
- Alpert, P. 2004 The water crisis in the E. Mediterranean-and relation to global warming? Water in the Middle-East and N. Africa (Eds. F. Zereini & W. Jaeschke), Springer, pp.55-61.
- Alpert, P., I. Osetinsky, B. Ziv and H. Shafir 2004 Semi-objective classification for daily synoptic systems: Application to the Eastern Mediterranean climate change, International Journal of

- Climatology, 24, pp.1001-1011.
- Alpert, P., I. Osetinsky, B. Ziv and H. Shafir 2004 A new seasons definition based on the classified daily synoptic systems: An example for the Eastern Mediterranean, International Journal of Climatology, 24, pp.1013-1021.
- Alpert, P., P. Kishcha, A. Shtivelman, S. O. Krichak and J. H. Joseph 2004 Vertical distribution of Saharan dust based on 2.5- year model predictions, Atmos. Res., 70(2), pp.109-130.
- Alpert, P., C. Price, S. O. Krichak, B. Ziv, H. Saaroni, I. Osetinsky, J. Barkan and P. Kishcha 2005 "Tropical tele-connections to the Mediterranean climate and weather", Advances in Geosciences, 2, pp.157-160.
- Alpert, P., Kishcha, Y.J. Kaufman, and R. Schwarzbard 2005 "Global dimming or local dimming?: Effect of urbanization on sunlight availability", Geophys. Res. Lett., 32, L17802, doi:10.1029/2005GL023320.
- Alpert, P., R. Ilani, A. da-Silva, A. Rudack and M. Mandel 2005 "Seasonal Prediction for Israel Winter Precipitation based on northern Hemispheric EOF" MERCHAVIM special issue.
- Alpert, P. and H. Savijärvi 2006 "On the numerical asymmetry in calculating Coriolis terms through the splitting method in a mesoscale model", Int. J. Environ. Pollut.
- Alpert, P., D. Niyogi, R.A. Pielke, Sr., J. L. Eastman, Y.K. Xue, and S. Raman 2006 "Evidence for Carbon Dioxide and Moisture Interactions from the Leaf Cell up to Global scales: Implications to Human-Caused Climate Change", Global Planetary Change (LCLUC Special Issue).
- Alpert, P., C. Price, S. Krichak, B. Ziv, H. Saaroni, I. Osetinsky, J. Barkan and P. Kishcha 2006 "Mediterranean climate and some tropical teleconnections", Nuovo Cimento. (in print)
- Ashrit, R., A. Kitoh and S. Yukimoto, 2005 Transient response of ENSO-monsoon teleconnection in MRI-CGCM2.2 climate change simulations. J. Meteor. Soc. Japan, 83, pp.273-291.
- Barkan, Y., P. Kishcha, H. Kutiel, and P. Alpert 2004 The Synoptics of Dust Intrusion Days from the African Continent into the Atlantic Ocean, J. Geophys. Res., Vol. 109, No. D8, D08201=2010.1029/2003JD004416=20.
- Barkan, Y., H. Kutiel and P. Alpert 2004 Climatology of dust sources over the North African region, based on TOMS data, Indoor-Built Environ., Vol. 13, pp.407-419.
- Ben-Gai, T., A. Bitan, A. Manes and P. Alpert 2001 Climatic variations in the moisture and instability patterns of the atmospheric boundary layer at the east Mediterranean coastal plain of Israel, Bound. Lay. Meteor., 100, pp.363-371.
- Ben-Gai, T., A. Bitan, A. Manes, P. Alpert, S. Rubin and Y. Kushnir 2001 Temperature and surface pressure anomalies in Israel and the North Atlantic Oscillation, Theoret. and Appl. Climat., Vol. 69, pp.171-177.
- Kawase, H., T. Sato and F. Kimura 2005 Numerical experiments on cloud streets in the lee of island arcs during cold-air outbreaks. Geophys.Res. Lett., accepted.

- Kawase, H., Y. Takeuchi and F. Kimura 2006 Precipitable water vapor round orographically induced convergence line. Scientific Online Letters on the Atmosphere, 2, pp. 25-28.
- Kishcha, P., Y. Barkan and P. Alpert 2003 Inter-decadal changes in the airflow anomalies and precipitation in Israel, Judea and Samaria Research Studies, Vol. 12, Ariel, pp.379-389. (in Hebrew)
- Kishcha, P., P. Alpert, Y. Barkan, I. Kirchner and B. Machenhauer 2003 Atmospheric response to Saharan dust deduced from ECMWF reanalysis (ERA) temperature increments, Tellus, 55B, 4, pp.901-913.
- Kitoh, A., M. Hosaka, Y. Adachi and K. Kamiguchi 2005 Future projections of precipitation characteristics in East Asia simulated by the MRI CGCM2. Advances in Atmospheric Sciences, 22, pp.467-478.
- Krichak, S. and P. Alpert 2002 A Fractional Approach to the Factor Separation Method, Journal of the Atmospheric Sciences, 59, pp.2243-2252.
- Krichak, S., M. Tsidulko and P. Alpert 2002 A study of an INDOEX period with aerosol transport to the eastern Mediterranean area, J. Geophys. Res., 107(D21), 4582, 18-1 18-8 doi:10.1029/2001JD001169.
- Krichak, S., P. Kishcha and P. Alpert 2002 Decadal trends of main Eurasian oscillations and the eastern Mediterranean precipitation, Theor. and Applied Climatology, 72, pp.209-220.
- Krichak, S.O., P. Alpert and M. Dayan 2004 Role of atmospheric processes associated with hurricane Olga in December 2001 flash floods in Israel. J. Hydrometeorol., vol. 5, no. 6. pp.1259-1270.
- Krichak, S. and P. Alpert 2005 "Decadal trends in the East-Atlantic West Russia pattern and the Mediterranean precipitation", Intern. J. of Climatol., 25, pp.183-192.
- Nohara, D., A. Kitoh, M. Hosaka and T. Oki, 2006 Impact of climate change on river runoff using multi-model ensembles. J. Hydrometeor. (in press)
- Okamura, O. and F. Kimura 2003: Behavior of GPS-derived precipitable water vapor in the mountain lee after the passage of a cold front. Geophys.Res. Lett.,30, 1746, doi:10.1029/2003GL017572.
- Price, C. 2001 Weather forecast for 2001: Hot and Stormy Modeling Global Warming, PC AI Magazine, 15(1): pp.45-48.
- Saaroni, H., B. Ziv, J. Edelson and P. Alpert 2003 Long-term variations in summer temperatures over the eastern Mediterranean, Geoph. Res. Lett., Vol. 30, No. 18, 1946, 8-1 8-4, doi:10.1029/2003GL017742.
- Sato, T., F. Kimura and A. Kitoh 2006 Projection of global warming onto regional precipitation over Mongolia using a regional climate model, accepted by Journal of Hydrology.
- Shamoun-Barares, J., E. van Loon, Y. Leshem, D. Alon, P. Alpert and Y. Yom-Tov 2006 "Is there a

- connection between weather at departure sites, onset of migration and timing of soaring bird autumn migration in Israel?", Global Ecology and Biogeography.
- Tsidulko, M., S. O., Krichak, P. Alpert, O. Kakaliagou, G. Kallos and A. Papadopoulos 2002 Numerical study of a very intensive E. Mediterranean dust storm -13-16 March 1998, J. Geophys. Res.-Atmospheres, 107(D21), 4581.
- Wang, Y., L. R. Leung, J. L. McGregor, D. -K. Lee, W. -C. Wang, Y. Ding and F. Kimura 2004 Regional climate modeling: Progress, Challenges, and Prospects. J. Meteor. Soc. Japan., 82, pp.1599-1628.
- Yatagai, A. 2003 Hydrological Balance and its Variability over the Arid/Semi-Arid Regions in the Eurasian Continent Seen from ECMWF 15-year Reanalysis Data, Hydrological Processes, 17, pp.2871-2884.
- Yatagai, A., P.Xie and A. Kitoh 2005 Utilization of a new gauge-based daily precipitation dataset over monsoon Asia for validation of the daily precipitation climatology simulated by the MRI/JMA 20-km-mesh AGCM, SOLA, 1, pp.193-196.
- Ziv, B. and P. Alpert 2003 Rotation of mid-latitude binary cyclones: A potential vorticity approach, Theor. and Appl. Climatology, 76, 3-4, pp. 189 202.

[Hydrology]

- Arima, T., K. Fujinawa and T. Watanabe 2006 "Impacts of sea-level rise on subsurface environment in lower Seyhan River basin" Proceeding of Spring Symposium of Japanese Association of Groundwater Hydrology. (in Japanese)
- Fujihara, Y., T. Kojiri, K. Tomosugi, H. Irie and N. Sakata 2005 "Impacts of Climate Change on the Water Utilization Planning of Dams" Engineering for Dams 230: pp.3-11. (in Japanese)
- Fujinawa, K. and K. Masuoka 2003 "Experimental studies for investigating impacts of sea level rise on salt water intrusion into coastal aquifers and protective measures by partially penetrating walls" Symposium Proceeding of Japanese Society of Civil Engineering's Central Branch: pp.231-232. (in Japanese)
- Fujihara, Y., M. Ode, T. Kojiri, K. Tomosugi and H. Irie 2006 "Effects of Global Warming on the Water Resources of the Tone River Basin" Annual Journal of Hydraulic Engineering 50: pp.367-372. (in Japanese)
- Fujinawa, K. and K. Masuoka 2003 "Fundamental studies on impacts of sea level rise on salt water intrusion into coastal aquifers of areas with land surface below sea level and some protective measures" Proceeding of Spring Symposium of Japanese Association of Groundwater Hydrology: pp.62-65. (in Japanese)
- Fujinawa, K. 2003 "The Impact of future possible sea level rise on saltwater Intrusion in coastal aquifers and the effect of some protective measures for coastal environment" The Second

- International Conference on Saltwater Intrusion and Coastal Aquifers —Monitoring, Modeling and Management. Merida, Yucatan, Mexico, March 30-April 2, pp.1-5.
- Fujinawa, K., K. Masuoka, T. Nagano and T. Watanabe 2005 "Numerical simulation modeling for salt-water intrusion in predicting impacts of sea-level rise on areas below sea-level" Journal of Environmental Systems and Engineering, JSCE 790: pp.35-48.
- Fujinawa, K., M. Furukawa, T. Nagano and T. Watanabe 2005 "Impacts of sea-level rise on groundwater environment in coastal areas: Laboratory experiments, numerical analyses, and a case study in Turkey" EWRI '05 World Water & Environmental Resources Congress, Anchorage, Alaska, USA, May14-19: pp.1-7.
- Furukawa, M., K. Fujinawa, T. Nagano and T. Watanabe 2004 "Impacts of sea level rise accompanied by global climate change on subsurface environment A Case study for Seyhan River Delta, Turkey" Proceeding of Fall Symposium of Japanese Association of Groundwater Hydrology: pp.180-183. (in Japanese)
- Masuoka, K., K. Fujinawa, M. Furukawa, T. Nagano and T. Watanabe 2005 "Experimental studies for identifying the impacts of sea-level rise caused by global warming on groundwater environment in areas below sea-level" Journal of Groundwater Hydrology 47(1): pp.19-28. (in Japanese)
- Tanaka, K., Y. Fujihara, T. Watanabe, T. Kojiri and S. Ikebuchi 2006 "Projection of the impact of climate change on the surface energy and water balance in the Seyhan River Basin Turkey" Annual Journal of Hydraulic Engineering, JSCE, Vol.50, 6pp. (CD-ROM)
- Taniguchi, M., T. Ishitobi and K. Saeki 2005 Evaluation of time-space distributions of submarine groundwater discharge, Ground Water, 43: pp.336-342.
- Taniguchi, M., T. Ishitobi and J. Shimada 2006 Dynamics of submarine groundwater discharge and freshwater-seawater interface, J. Geophys. Res., 111: C01008, doi:10.1029/2005JC002924.
- Taniguchi, M., T. Ishitobi, J. Shimada and N. Takamoto 2006 Evaluation of spatial distribution of submarine groundwater discharge, Geophys. Res., Lett, 33: doi:10.1029/2005GL025288.

Crop Productivity

- Aydın, M., S. L. Yang, N. Kurt and T. Yano 2005 "Test of a simple model for estimating evaporation from bare soils in different environments" Ecological Modelling 182:pp.91-105.
- Ben-Asher, J., T. Yano and I. Shainberg 2003 Dripper discharge rates and the hydraulic properties of the soil, Irrigation and Drainage Systems, 17, pp.325-340.
- Ben-Asher, J., I. Tsuyuki, B. Ben-Ami and M. Sagih 2006 Irrigation of Grapevines with Saline Water: I) Leaf Area Index, Stomatal conductance, Transpiration and Photosynthesis, Ag. Water Manag. 83:pp.13-21.
- Ben-Asher, J., J. van Dam, R. A. Feddes and R. K. Jhorar 2006 Irrigation of Grapevines with

- Saline Water: II. Mathematical simulation of vine growth and yield, Ag. Water Manag.83:pp.22-29.
- Ben-Asher, J., M. Silberbush and J. Ephrath 2006 Uptake Rates of NO3 and K by Lettuce on Soilless culture: a Mathematical Model and Experimental Results. International Symposium on Soilless Culture and Hydroponics ISHS Acta Horticulturae 697 pp.311-315.
- Ben-Asher, J., P.S. Nobel, E. Yossov and Y. Mizrahi 2006 Net CO2 uptake rates for Hylocereus undatus and Selenicereus megalanthus under field conditions: Drought influence and a novel method for analyzing temperature dependence. Photosynthetica 44:pp.181-186.
- Daniels, J., D. Blumberg, L. Vulfson, A. Kotlyar, V. Freiliker, J. Ben-Asher and G. Ronen 2003 Microwave remote sensing of physically buried objects in the Negev Desert: implications for environmental research, Remote Sensing of the Environment, 86: pp.243-256. Results reported in New Scientist, 2403: pp.12-13.
- Blumberg, D.G., G. Ronen, J. Ben-Asher, V. Freilikher, L.D. Vulfson and A.L. Kotlyar 2006 Utilizing a P-band scatterometer to assess soil water saturation percent of a bare sandy soil. J. Hydrol., 318: pp.374-378.
- Daniels, J., D. Blumberg, V. Freiliker, G. Ronen, L. Vulfson, A. Kotlyar and J. Ben-Asher 2003 Microwave remote sensing of physically buried objects in the Negev Desert: implications for sub-surface Martian exploration, Journal of Geophysical Research, 108 (E4), 8033.
- Evrendilek, F. 2004 An inventory-based carbon budget for forest and woodland ecosystems of Turkey. Journal of Environmental Monitoring 6(1): pp.24-30.
- Evrendilek, F., J. Ben-Asher, M. Aydın and I. Çelik 2005 Spatial and temporal variations in diurnal CO2 fluxes of different Mediterranean ecosystems in Turkey. Journal of Environmental Monitoring 7(1): pp.151-157.
- Evrendilek, F., Berberoğlu, S., S. Taskinsu-Meydan and E. Yilmaz 2006 Quantifying carbon budgets of conifer Mediterranean forest ecosystems, Turkey. Environmental Monitoring & Assessment. (in press)
- Evrendilek, F., J. Ben-Asher and M. Aydın 2006 Continuous measurement of diurnal photosynthesis, transpiration, water use efficiency and light use efficiency of wheat leaves under Mediterranean field conditions, Turkey. (submitted)
- Genis, A., D.Blumberg and J.Ben-Asher 2006 Optimizing Aplications of Image Analysis to Determin Physical Caracteristics of Fine Roots. Environ. Control Biol. 44:pp.11-20.
- Hepaksoy, S., J. Ben-Asher, Y.de Malach, I. David, M. Sagih and B. Bravdo 2006 Grapevines Irrigation with Saline Water: Effect of Rootstocks on Quality and Yield of Cabernet Sauvignon. Journal of Plant Nutrition. (in press)
- Odemis, B. and F. Evrendilek 2006 Assessing water quality and quantity of national watersheds in Turkey. (submitted)

- Silberbush, M., J. E. Ephrath, C. Alekperov and J. Ben-Asher 2003 Nitrogen and potassium fertilization interactions with carbon dioxide enrichment in Hippeastrum bulb growth, Scientia Horticulturae, 98, pp.85-90.
- Silbebush, M., J. Ben -Asher and J. E. Ephrath 2004 A model for nutrients and water flow, and their uptake by plants grown in a soilless culture Plant & Soil in press.
- Silbebush, M., J. Ben -Asher and J. E. Ephrath 2005 A model for nutrients and water flow, and their uptake by plants grown in a soilless culture Plant & Soil 271:pp.309-319.
- Yamada, T., N. Akiba, T. Yano and Y. Kitamura 2004 "Estimation of crop transpiration from a corn field with leaf temperature measurements" Journal of Arid Land Studies 14(1): pp.17-26. (in Japanese)
- Yano, T., M. Koriyama, H. Tomokazu and M. Aydın 2005 "Prediction of future change of water demand following global warming in the Cukurova region, Turkey" Proc. International Conference on Water, Land and Food Security in Arid and Semi-arid Regions, Bari, Italy, Topic 7, pp.1-6.

[Vegetation]

Sano, J., S. Tamai, M. Ando and K. Kato 2006 Effects of Climate Change on the Species Composition and Vegetation Productivity in Arid Areas - Species Composition and Distributional Patterns of Predominant Tree Species in the Eastern Mediterranean Region of Turkey -. Abstracts of the Second Scientific Congress of East Asian Federation of Ecological Societies, 499.

[Irrigation and Drainage]

- Chakravorty, U. and C. Umetsu 2003 "Basinwide Water Management: A Spatial Model," with Ujjayant Chakravorty. *Journal of Environmental Economics and Management*, vol. 45, no.1, pp.1-23.
- Hoshikawa, K., T. Watanabe, T. Kume and T. Nagano 2005 "A model for assessing the performance of irrigation management systems and studying regional water balances in arid zones" Proceedings of the 19th congress of International Commission on Irrigation and Drainage, September 10-18, 2005, Beijing, China.
- Hoshikawa, K., T. Nagano, T. Kume and T. Watanabe 2006 "Evaluation of impact of climate changes on the Lower Seyhan Irrigation Project, Turkey" Proceedings of the 3rd Asia Pacific Association of Hydrology and Water Resources (APHW) Conference, October 16-18, 2006, Bangkok, Thailand. (Accepted)
- Hoshikawa, K., T. Nagano, T. Kume and T. Watanabe 2006 "Development of a model for assessing the performance of irrigation management systems and evaluation of impact of climate changes on the Lower Seyhan Irrigation Project" Proceedings of International symposium on water and

- land management for sustainable irrigated agriculture, April 4-8, 2006, Adana, Turkey.
- Kume, T., T. Nagano, T. Watanabe, T. Mitsuno and Chaolunbagen 2005 Effect of leaching irrigation on the spatial distribution of soil salinity in the Hetao irrigation district in China, ICID, Beijing, China. (issued by CD-ROM)
- Kume, T., E. AKÇA, T. Nagano, S. Donma, M. Serdem, S. Kapur and T. Watanabe 2006 The problem of Soil Salinity in the Fourth Stage Area in LSIP- An Analysis of Spatial Variability of Soil Salinity –: Water and land management for Sustainable irrigated agriculture, Çukurova University Press. (CD-ROM)
- Nagano, T., K. Hoshikawa, S. Donma, T. Kume and T. Watanabe 2005 Assessment of adaptation capacity of a large irrigation district towards social and climatic changes: A case study of Lower Seyhan Basin in southern Turkey. Proceedings of world water and environmental resources congress 2005, Environment and Water Resources Institute of American Society of Civil Engineers, May 13-19.
- Nagano, T., S. Donma, K. Hoshikawa, T. Kume, C. Umetsu, E. Akça, S. Önder, S, Berberoğlu, B. Özekici, T. Watanabe, S. Kapur and R. Kanber 2006 Integrated approach for assessment of an irrigation system in Lower Seyhan Plain, Turkey. Proceedings of International Symposium on Water and Land Management for Sustainable Irrigated Agriculture, April 4-8, 2006, at Çukurova University, Adana, Turkey.
- Önder, S., S. Bozkurt, G. Sayilikan, D. Önder and M. Kara 2005 Effects of Water Stress and Mulch on Grean Bean Yield and Yield Components in Greenhouse Condition. Asian Journal of Plant Science. 5(1):pp.127-132.
- Önder, S., M.E. Caliskan, D. Önder and S Caliskan 2005 Different Irrigation Methods and Water Stress Effects on Potato Yield and Yield Components. Agricultural Water Management. 73(2005):pp.73-86.
- Umetsu, C. 2002 "The Optimal Dynamic Model of Conjunctive Water Use." *Japanese Journal of Rural Economics*, vol.4, pp.1-10.
- Umetsu, C., T. Lekprichakul and U. Chakravorty 2003 "Efficiency and Technical Change in the Philippine Rice Sector: A Malmquist Total Factor Productivity Analysis," *American Journal of Agricultural Economics*, vol.85, no.4, pp.943-963.
- Umetsu, C., S. Donma, T. Nagano and Z. Coşkun 2006 "The Efficiency of WUA Management in the Lower Seyhan Irrigation Project," *Journal of Rural Economics: Special Issue*. pp.440-444.
- Watanabe, T. 2003 "Cross-disciplinary Approach to Impact Assessment of Climate Change on Agricultural Production in Arid Region", Proceedings of Symposium on Water Resources and Its Variability in Asia and the 21st Century, pp.127-130.
- Watanabe, T., K. Hoshikawa, T. Kume and T. Nagano 2006 Development of a model for assessing irrigation management performance and climate change impacts on irrigation scheme.

- Proceedings of 3rd Asian Regional Conference of ICID, Kuala Lumpur, Malaysia. (accepted)
- Watanabe, T., T. Nagano and R. Kanber 2006 Innovated cross-disciplinary approach to impact assessment of climate change on agricultural production system in arid areas, Proceedings of the International Symposium on Water and Land Management for Sustainable Irrigated Agriculture, Adana, Turkey.

[Socio-Economics]

- Asami, A., R. Senda, R. Sou and H. Tsujii 2005 "Entrepreneurship in Farms and Villages of China: A Panel Data Analysis Using the Profit Function Approach" *Journal of Rural Economics*, 77-2, pp.67-77. (in Japanese)
- Ayalon, O., M. Shechter and Y. Avnimelech 2003 "Assessing the Ancillary Socio-economic Benefits of Mitigating Greenhouse Gasses from Municipal Solid Waste Management." In: Giupponi C. and Shechter M. (Eds.) Climate Change and the Mediterranean: Socio-Economic Perspectives of Impacts, Vulnerability and Adaptation. Edward Elgar, UK. p. 213-222.
- Chianu, J. N. and H. Tsujii 2003 "Missing Links in Sustainable Food Production in West Africa: the Case of Savanna of Northern Nigeria." Accepted without amendment (on 25 June 26, 2003) and in press for *Sustainable Development*.
- Chianu, J.N. and H. Tsujii 2004 "Determinants of Farmers' Decision to Adopt or Not Adopt Inorganic Fertilizer in the Savannas of Northern Nigeria." *Nutrient Cycling in Agroecosystems*, 70, pp.293-301.
- Chianu, J. N., H. Tsujii and P. Kormawa 2005 "Agriculture in the savannas of northern Nigeria: Pressures, transformations, damage and coping strategies." *Outlook on Agriculture*, Vol 33, No. 4, pp. 247-253.
- Chianu, J. N. and H. Tsujii 2005 "Integrated nutrient management (INM) in the farming systems of the savannas of the northern Nigeria: What future?" *Outlook on Agriculture*, 34-3, pp. 197-202, 2005.
- Chianu, J. N., H. Tsujii and J. Awange 2006 "Environmental Impact of Agricultural Production in the savannas of northern Nigeria." *Journal of Food, Agriculture & Environment*, Vol. 4, No. 2, pp.
- Eshet, T., O. Ayalon and M. Shechter 2005 "A Critical Review of Economic Valuation Studies of Externalities from Incineration and Landfilling." Waste Management & Research, Vol. 23, No. 6, pp.487-504.
- Eshet, T., O. Ayalon and M. Shechter 2005 "An Inclusive Comparative Review of Valuation Methods for Assessing Environmental Goods and Externalities." International Journal of Business Environment (IJBE), Nov. 28, 205 p. 2005-2015.
- Eshet, T., O. Ayalon and M. Shechter 2006 "Valuation of Externalities of Selected Waste Management Alternatives: A Comparative Review and Analysis." Resources, Conservation &

- Recycling Vol. 46 (4), pp.335-364.
- Kadishi, N., I. Kan and N. Zeitouni "Impacts of Changes in Regional Rainfall Distribution Patterns on Winter Agriculture in Israel." Submitted to: Journal of Environmental Management.
- Kadishi, N., N. Zeitouni, S. Shamir and M. Shechter 2003 Economic aspects of the influence of climate change on agriculture in Israel, Natural and Environmental Resources Management, b(1), pp.123-130. (in Hebrew)
- Kan, I. 2003 "Effects of Drainage-Salinity Evolution on Irrigation Management." Water Resources Research 39(12), pp.1377-1388.
- Shechter, M. and N. Yehoshua 2002 Exploratory Economic Assessments of Climate Change Impacts in Israel: Agriculture in: Beniston, M. (ed.), Climate Change: Implications for the Hydrological Cycle and for Water Management. Advances in Global Change Research, 10. Dordrecht and Boston: Kluwer Academic Publishers.
- Schwabe, K.A., I. Kan and K.C. Knapp 2006 "Drainwater Management for Salinity Mitigation in Irrigated Agriculture." American Journal of Agricultural Economics 88(1), pp.133-149.
- Tsujii, H. 2001 "Food, Agriculture, and Agricultural Policy, and Economic Crisis of Thailand," *The Natural Resource Economics Review*, Natural Resource Economics Division, Graduate School of Agriculture, Kyoto University, No. 7, pp.65-93.
- Tsujii, H. 2001 "Food, Agriculture, and Agricultural Policy, and Economic Crisis of Thailand" *The Natural Resource Economics Review*, Natural Resource Economics Division, Graduate School of Agriculture, Kyoto University, No. 7, pp.65-93. (in Japanese)
- Tsujii, H. 2002 "A Summary Report of the Chair Person of the General Meeting of the 2002 Annual Meeting" *Journal of Rural Economics*, 74-2, pp. 97-98. (in Japanese)
- Tsujii, H. 2002 "An Economic Analysis of Agricultural Sustainability in a Mountainous Village of West Java: Use of the Multinomial Logit Model to Soil Fertility Perception" *The Natural Resource Economics Review*, Nov.8, pp.1-20. (in Japanese)
- Tsujii, H. 2003 "Globalization and Rice and Agricultural Policy of Japan and Asian countries: A Proposal of the Autonomous Import Taxation policy" *Agriculture and Economy*, 69–4, pp.93-105. (in Japanese)
- Tsujii, H. 2003 "The Effects and Coping Strategies of the Agriculture Agreements of the New WTO Round to Japan's Rice, Agriculture, and Rural Area" *Agriculture and Economy*, 69–10, pp.27-39. (in Japanese)
- Tsujii, H. 2003 "An Analysis of Thai Primary Sector and Food Sector and Its Relation with Economic Development" *The Natural Resource Economics Review*, Natural Resource Economics Division, Graduate School of Agriculture, Kyoto University, No. 9, pp.21-54. (in Japanese)
- Tsujii, H. 2004 "A Critical Analysis of the Free Trade Agreement Strategy: With a Special Reference to Rice Market and Policy" A Special Invited Lecture, *Journal of Development Studies*,

- 15-1, pp. 12-21. (in Japanese)
- Tsujii, H. 2006 "The Agricultural Policies of ASEAN Countries and Their Negotiation Strategies to the New WTO Round" *Agriculture and Economy, 72-1.* (in Japanese)
- Yehoshua, N. and M. Shechter 2003 "Climate Change and Agriculture: An Israeli Perspective." In:
 Giupponi C. and Shechter M. (Eds.) Climate Change and the Mediterranean: Socio-Economic Perspectives of Impacts, Vulnerability and Adaptation. Edward Elgar, UK. pp.196-212.
- Yehoshua, N. and M. Shechter 2003 Climate change and agriculture: an Israeli perspective, Climate Change and Mediterranean Land Uses, Ch. 9, pp.196-212.

Other Publications

[Climate]

- Alpert, P., I. Osetinsky, B. Ziv and H. Shafir 2003 Objectively classified synoptic systems as a tool for climate change analysis: Application to the eastern Mediterranean, Presented in EGS-AGU-EUG Joint Assembly, 6-11 April, 2003, Nice, France.
- Alpert, P. and D. Silverman 2003 "Vulnerability of water resources in eastern Mediterranean ecosystems due to climate change an integrated approach to sustainable management", AMS Conference, Long Beach, California, February, 2003.
- Alpert, P. and M. Rabinovitz-Hadar 2005 "Pre- and post-Sea-Breeze frontal lines A meso-gamma scale analysis over South Israel", Medex Meeting 2005-A, Madrid, Spain, March 10-11, 2005.
- Alpert, P. 2005 "Global Dimming: Large Cities' Contribution", Scientific Assembly of the International Association of Meteorology and Atmospheric Sciences, IAMAS 2005, Beijing, China, August 2-11, 2005.
- Alpert, P. 2005 "Regional Climate Modelling over the E. Mediterranean", Scientific Assembly of the International Association of Meteorology and Atmospheric Sciences, IAMAS 2005, Beijing, China, August 2-11, 2005.
- Alpert, P. 2005 "Quantification of Aerosol Effects Based on Errors in Weather Prediction", Scientific Assembly of the International Association of Meteorology and Atmospheric Sciences, IAMAS 2005, Beijing, China, August 2-11, 2005.
- Alpert, P. 2005 "Assessment of Global Warming Impacts on Water Availability in the Jordan River Basin (GLOWA-Jordan River)-Regional Climate Modeling and Dynamical Downscaling for Global Warming Scenario", NATO Advanced Research Workshop, Air, Water and Soil Quality Modelling for Risk and Impact Assessment, Tabakhmela (near Tbilisi), Georgia, September 16-20, 2005.
- Alpert, P., J. Barkan and P. Kishcha 2005 "A potential climatic index for total Saharan dust The sun insolation", The 19th Annual Meeting of the Israeli Association for Aerosol Research, Tel Aviv University, Tel Aviv, Israel, December 29, 2005.

- Alpert, P. 2006 "The ECHAM4/OPYC3 and HadCM3 simulations of the E. Mediterranean climate vs NCEP/NCAP reanalysis over 1960-1990 based on the regional synoptic systems", The Annual Conference of the Israeli Meteorological Association, Bazel Hotel, Tel Aviv, Israel, 2006.
- Barkan, J., P. Alpert, H. Kutiel and P. Kishcha 2005 "The synoptics of dust transportation days from Africa towards Italy and central Europe", The 19th Annual Meeting of the Israeli Association for Aerosol Research, Tel Aviv University, Tel Aviv, Israel, December 29, 2005.
- Daniels, J. and P. Alpert 2005 "Overview of the GLOWA Jordan River Project", Water is Life 40 Years of Diplomatic Relations Germany-Israel Conference, International Convention Center Jerusalem, Israel, December 7-8, 2005.
- Kimura, F. and T. Sato 2004 Downscaling of precipitation over Mongolia using regional climate model. Proceedings of the 3rd International Workshop on Terrestrial Change in Mongolia, Tsukuba, Japan, pp.9-10 November, 2004.
- Kishcha, P., P. Alpert, A. Shtivelman, S. O. Krichak and J. H. Joseph 2005 "Clouds' contribution to the errors of model-predicted dust vertical distributions", The 19th Annual Meeting of the Israeli Association for Aerosol Research, Tel Aviv University, Tel Aviv, Israel, December 29, 2005.
- Kishcha, P., A. Zilberman, P. Alpert, N. S. Kopeika, S. O. Krichak and J. H. Joseph 2005 "Vertical Distribution of Saharan Dust Over Israel", Living with Global Change: Challenges in Environmental Sciences, ISEEQS, May 30-June 1st, 2005.
- Kishcha, P., P. Alpert, A. Shtivelman, S. O. Krichak, J. H. Joseph, F. Barnaba, G. P. Gobbi, G. Kallos and C. Spyrou 2005 "Comparison between Model-Simulated Dust Vertical Profiles over Rome(Italy) and Lidar Remote Soundings", Living with Global Change: Challenges in Environmental Sciences, ISEEQS, May 30 June 1st, 2005.
- Kitoh, A., M. Hosaka, Y. Adachi and K. Kamiguchi, 2004: Future projections of precipitation characteristics in Asia. Proceedings of the 2nd Asia Pacific Association of Hydrology and Water Resources Conference, 5-9 July 2004, Singapore, pp.700-707.
- Kitoh, A., 2005: Does heavy rainfall increase by global warming? Kagaku, 75, No.10, pp.1155-1158. (in Japanese)
- Kitoh, A.: Climate projections by climate models. Energy and Resources, 27, pp.108-112. (in Japanese)
- Osetinsky, I. and Alpert P. 2004 Evaluation of GCM/RCM by the classified synoptic systems' approach, paper presented in the AMS conference, Seattle, WA, USA, Jan. 2004.
- Saaroni, H., B. Ziv, A. Baharad, D. Yekutieli and P. Alpert 2005 "Long-Term Trend of the Summer Temperatures over the Mediterranean Basin with Respect to the Global Trend", Living with Global Change: Challenges in Environmental Sciences, ISEEQS, May 30 June 1st, 2005.
- Sato, T., F. Kimura and A. Kitoh 2005 Numerical experiment on precipitation change over Mongolia under global warming. Proceedings of the First International Symposium on Terrestrial

- and Climate Change in Mongolia. Mongolia, pp.26-28 July, 2005.
- Tielbörger, K. and P. Alpert 2005 "GLOWA Jordan River Integrated Science for Managing the Water Crisis", Water is Life 40 Years of Diplomatic Relations Germany-Israel Conference, International Convention Center Jerusalem, Israel, December 7-8, 2005.
- Yatagai, A. 2003 Characteristics of Orographical Precipitation over South Asia seen from TRMM/PR, Proceedings of the 1st international conference on Hydrology and Water Resources in Asia Pacific Region, APHW2003, pp.51-56.
- Yatagai, A., M. Sugita, N. Yamazaki and M. Oh'izmi 2003 A comparative study of the surface fluxes derived from meteorological four dimensional data assimilation products (GAME reanalysis) with Asian Automatic Weather Station Network (AAN) observations over the Tibetan Plateau, Proceedings of the 1st international conference on Hydrology and Water Resources in Asia Pacific Region, APHW2003, pp.722-727.
- Yatagai, A., F. Kimura, A. Kitoh and T. Watanabe 2006 Analyses of precipitation for assessing global warming impacts on hydrological regime in Adana, Turkey, a paper presented at an International Symposium on Water and Land Management for Sustainable Irrigated Agriculture, at Cukurova University, Adana-Turky, April 4-8, 2006.

[Hydrology]

- Fujihara, Y., K. Tanaka, T. Watanabe and T. Kojiri 2006 "Potential Impacts of Climate Change on the Hydrology and Water Resources of the Seyhan River Basin" Proceedings of the International Symposium on Water and Land Management for Sustainable Irrigated Agriculture. (CD ROM)
- Tanaka, K., Y. Fujihara, T. Watanabe, T. Kojiri, and S. Ikebuchi 2006 "Projection of the impact of climate change on the water balance in Seyhan basin" Annuals of Disas. Prev. Res. Inst., Kyoto Univ., No.49. (in Japanese)

[Crop Productivity]

- Haraguchi, T., K. Yuge, A. Hao, Y. Nakano, K. Mori and T. Yano 2006 "Combined Effects of Elevated Temperature and Carbon Dioxide on Geometry of Maize Leaves" J. Fac. Agr., Kyushu Univ. 51(1): pp.45-51.
- Qiu, G. Y., K. Miyamoto, S. Sase, Y. S. Gao, P. Shi and T. Yano 2002 "Comparison of the three-temperature model and conventional models for estimating transpiration" JARQ 36(2): pp.73-82.

[Vegetation]

Kato, K. 2006 "Effect of climate changes on the vegetation in a semi-arid area - Cukurova Plain, Turkey - "Tottori University (in Japanese)

[Irrigation and Drainage]

- Chakravorty, U., E. Hochman, C. Umetsu and D. Zilberman 2005 "Alternative Institutions for Water Distribution", Working paper #5-17, Department of Economics, Central Florida University, Orlando FL, U.S.A.
 - http://www.bus.ucf.edu/wp/content/archives/05-17Chakravorty.pdf
- Kanber, R., M. Ünlü, S. Özmen, S. Önder 2003 The Studies on Water Saving in Southeastern Anatolia Project Areas. International WASAMED Thematic Network, 1st Workshop Participatory Water Management and Cultural Heritage, 15-19 December, 2003, pp.1-12, Şanlıurfa, TURKEY.
- Nagano, T., S. Donma, K. Hoshikawa, T. Kume, C. Umetsu, S. Kapur, S. Akça, S. Önder, S. Berberoğlu, B. Özekici, T. Watanabe and R. Kanber 2006 An Integrated Approach for Assessment of an Irrigation System in Lower Seyhan Plain, Turkey. International Symposium on "Water and Land Management for Sustainable Irrigated Agriculture" 4-8 April 2006, Adana.
- Önder, S., Z. Gümüş and D. Önder 2002 Evaluation of Turkey Water Resources on the Basis of River Basins. The symposium about Conservation, Development and Management of Soil and Water Resources on the Basis of River Basin. 18-20 September 2002. pp:203-209. Antakya-HATAY.
- Önder, S, B. İnan and D. Önder 2002 Monitoring and Evaluation of Agricultural Settlement Projects in Hatay Provience. The Symposium about Conservation, Development and Management of Soil and Water Resources on the Basis of River Basin. 18-20 September 2002. pp:482-488. Antakya-HATAY.
- Önder, S., D. Önder and M.S. Sazan 2002 The Present Situation and Problem of Deep Well in Hatay Provience. The Symposium about Conservation, Development and Management of Soil and Water Resources on the Basis of River Basin. 18-20 September 2002. pp:284-291.Antakya-HATAY.
- Önder, S., H. Tolu and D. Önder 2002 Investigation of Problems in Realization of on Farm Development Projects. The Symposium about Conservation, Development and Management of Soil and Water Resources on the Basis of River Basin. 18-20 September 2002. pp:476-481.Antakya-HATAY.
- Önder, S., R. Kanber, D. Önder and B. Kapur 2005 The Probable Changes to Occur in Irrigation Methodolgy in the Future due to Global Climate Change. Southeastern Anatolia Projects fourth of Agricultural Congress. 21-23 September 2005.s: pp.1128-1135. SANLIURFA-TURKEY.
- Önder, S., R. Kanber and D. Önder 2005 The Effects of Different Irrigation Methods and Management Tecniques on Water Saving. International Symposium on Water for Development

- Worldwide. September 7-11, 2005. pp.555-567. Istanbul, TURKEY.
- Önder, S. and D. Önder 2006 The Examingation of Water Pricing System at the Some Groundwater Irrigation Cooperatives under Amik Plain in Turkey. International Symposium on "Water and Land Management for Sustainable Irrigated Agriculture" 4-8 April 2006. Adana.
- Umetsu, C., S. Donma, T. Nagano and Z. Coşkun 2005 "The Efficiency of WUA Management in the Lower Seyhan Irrigation Project" Proceedings of Annual Conference of the Japanese Society for International Development, November 26-27. pp.252-255. (in Japanese)
- Umetsu, C., S. Donma, T. Nagano and Z. Coşkun 2005 "The Efficient Management of Water User Associations: The Case of Lower Seyhan Irrigation Project in Turkey" with presented at the International Conference on Policy Modeling -EcoMod2005-, June 29-July 2, 2005, Istanbul, Turkey.

http://www.ecomod.net/conferences/ecomod2005/ecomod2005_papers/668.pdf

[Socio-Economics]

- Chianu, J. N., H. Tsujii, Kormawa, P.M. and V.M. Manyong 2002 "Crop-livestock interaction in the savannas of Nigeria: nature and determinants of farmer decision to use manure for soil fertility maintenance." Submitted to *Nutrient Cycling in Agroecosystem* in October 2002.
- David, H., M. Shechter and P. Berliner 2006 "Economic Impacts of Climate Change on Israeli Agriculture." Presented at the Third World Congress of Environmental & Resource Economists, Kyoto, Japan. July 3-7, 2006.
- Kan, I., M. Rapaport-Rom and M. Shechter 2006 "Economic Analysis of Climate Change Impacts on Agricultural Profitability and Land- Use: The Case of Israel." Presented at the Third World Congress of Environmental & Resource Economists, Kyoto, Japan. July 3-7, 2006.
- Shamir, S., N. Zeitouni and M. Shechter Economic Valuation of Habitats: Application to the Mediterranean Grove in Carmel National-Park. (working paper)
- Tsujii, H., J.N. Chianu, P.M. Kormawa, and V.M. Manyong 2002 "Determinants of decision to adopt improved maize variety by smallholder farmers in the savannas of northern Nigeria." Submitted to *Agricultural Systems* in November 2002.
- This is the tentative publication list for the final report of the ICCAP. There are papers which have not been listed here because of our short announcement.