



2. Supply Chain Management (2012)
3. Logistics System (2011)
4. Cost Analysis and Estimation, (2005-2008), (2012)
5. Written and Professional Communication, (2004 -2008)
6. Industrial Management, (2005-2007)
7. Decision Analysis, (2004- 2007)
8. Financial Management, elective course, (2004-2007), (2012)
9. Performance Measurement System, elective course (2005-2008)

#### G. Student Supervisions

1. PhD students -
2. Master students -
3. Undergraduate students (B.S)- 34 completed and 4 on-going

#### H. Professional Membership and Affiliation

1. ISTMI (the Indonesian Bachelor of Engineering and Industrial Management Association)
2. IAENG (the International Association of Engineers), membership number 107008, ([www.iaeng.org](http://www.iaeng.org)).
3. PASBA (Procurement and Supply Chain Benchmarking Association), <http://pasba.com>
4. The International Federation of Logistics & SCM Systems (IFLS)
5. The Asian Pacific Federation of Logistics & SCM Systems (APFLS)

#### I. Administrative Experience

1. Expert team for Dean of Faculty of Engineering, 2012-now
2. Supervisor in Charge for Online Journal of PERFORMA, 2012-now
3. Coordinator of Research Group of Logistic System and Business, Faculty of Engineering, Sebelas Maret University, Surakarta, 2010-now,
4. Secretary Editorial-Board of PERFORMA: Industrial Engineering & Management Journal, January 2006 -now,
5. Program Coordinator of Final Project Course, Department of Industrial Engineering, Sebelas Maret University 2005-2007,
6. Program Coordinator of Internships/Job Practice Course, Department of Industrial Engineering, Sebelas Maret University, 2005 -2007, and
7. Member of Task Force Team in the project of set up Laboratory of Logistics System and Business, Department of Industrial Engineering Sebelas Maret University, 2005-2006.

#### J. Publications

##### • Chapter Books / Books (Author/Editor)

1. **Invited:** Title of Book/Volume/Conference: IAENG Transactions on Engineering Technologies - Special Issue of the International MultiConference of Engineers and Computer Scientists 2012. Editor(s) name(s): Dr. Sio-Iong Ao, Prof. Gi-Chul Yang, Professor Xu Huang, and Professor Oscar Castillo. Authors: Wahyudi Sutopo, Muh. Hisjam, Yuniaristanto, *An Agri-Food Supply Chain Model to Empower Farmers For Supplying Deteriorated Product to Modern Retailer*, Publisher: Springer Science.
2. **Invited:** Title of Book/Volume/Conference: IAENG Transactions on Engineering Technologies - Special Issue of the International MultiConference of Engineers and Computer Scientists 2012. Editor(s) name(s): Dr. Sio-Iong Ao, Prof. Gi-Chul Yang, Professor Xu Huang, and Professor Oscar Castillo. Authors: Muh. Hisjam, Achmad Habibie, Wahyudi Sutopo, Kuncoro Harto Widodo, *A Supplier-Manufacturer Model For Procurement Plan In Export Oriented Furniture Industry With Sustainability Considerations*, Publisher: Springer Science.

##### • Journal and proceedings conference:

AS	International Journal (IJ)	International Conference (IC)	Nat. Acc. J. (NAJ)	ISSN J.	National Conf. (NC)
Main author	3 papers (+ 1)	12 papers (+ 1)	3 papers	9 papers	2 papers
Co-Author	(+ 1)	12 papers	1 paper	6p (+1)	4 papers
Total 56	3 (+2)	24 (+1)	4	15 (+1)	6

**Refereed Journal Articles (International)**

1. Sutopo,W., Nur Bahagia, S., Cakravastia, A., dan Arisamadhi, TMA. (2012): A buffer stock model to ensure price stabilization and availability of seasonal staple food under free trade considerations, *ITB Journal of Engineering Science*. ISSN: 1978-3051 (**Indexed by Scopus**, and accredited B by Directorate General of Higher Education of Indonesia (DIKTI), Vol. 44, No. 2, pp. 128-147.
2. Sutopo, W., Nur Bahagia, S., Cakravastia, A. and Arisamadhi, TMA., (2010), Price Stabilization Using Buffer Stocks in Duopoly-Like Market with Consider Expectation of Stakeholders, *ASOR Bulletin*, Vol. 29, No.4, pp. 60-72, (ISSN0812-860X | eISSN1446-6678).
3. Sutopo, W., Nur Bahagia, S., Cakravastia, A. and Arisamadhi, TMA., (2009), A Dynamic Buffer Stocks Model for Stabilizing Price of Staple Food with Volatility Target, *The International Journal of Logistics and Transport (IJLT)*, Vol. 3, No. 2, pp. 149-160 (ISSN 1906-0521).

**Refereed Proceedings (International Conferences)**

1. Sutopo,W., Nur Bahagia, S., Cakravastia, A., dan Arisamadhi, TMA. (2012): Decision Support System for Determining Buffer Stock Scheme by Considering Price Stabilization and Availability of Seasonal Staple Food, in Proc. *International Logistics Seminar & Workshop 2012 (ILSW 2012)*, LIPI-Uni Duisburg Essen-ITB, (May 08-09, 2012, Jakarta, Indonesia).
2. Sutopo, W., Hisjam, M. and Yuniaristanto (2012): "An Agri-food Supply Chain Model to Empower Farmers as Supplier for Modern Retailer Using Corporate Social Responsibility Activities onDeteriorated Product", in Proc. *the International MultiConference of Engineers and Computer Scientists 2012 (IMECS 2012)*, pp. 1423-1427, (ISBN: 978-988-19251-1-4), (14-16 March 2012, Hong Kong).
3. Sutopo, W., Devi, A.O.T., Hisjam, M. and Yuniaristanto (2012): "A Model for Procurement and Inventory Planning for Export-Oriented Furniture Industry in Indonesia: A Case Study", in Proc. *the International MultiConference of Engineers and Computer Scientists 2012 (IMECS 2012)*, pp. 1214-1217 (ISBN: 978-988-19251-1-4), (14-16 March 2012, Hong Kong).
4. Sutopo,W., Nur Bahagia, S., Cakravastia, A., dan Arisamadhi, TMA. (2011): A buffer stock model to ensure price stabilization and availability of seasonal staple food by empowering producer using warehouse receipt system, in Proc. of *the IEEE International Conference on Industrial Engineering and Engineering Management*, pp. 298-302 (ISBN 978-4577-0738-4), (6-9 Dec 2011, Singapore).
5. Sutopo,W., Nur Bahagia, S., Cakravastia, A., dan Arisamadhi, TMA. (2011): Developing a buffer stock model for stabilizing price and ensuring availability of seasonal staple food in monopolistic market using warehouse receipt system, *World Academic of Science, Engineering, and Technology*, 59, 2011, pp. 3366-3371 (pISSN 2010-376X; eISSN 2010-3778), (28-30 Nov. 2011, Venice, ITALY).
6. Sutopo,W., Hisjam, M. dan Yuniaristanto (2011): An agri-food supply chain model for cultivating the capabilities of farmers accessing market using corporate social responsibility program, *World Academic of Science, Engineering, and Technology*, 59, 2011, pp. 2440-2444 (pISSN 2010-376X; eISSN 2010-3778), (28-30 Nov. 2011, Venice, ITALY).
7. Sutopo, W., Nur Bahagia, S., Cakravastia, A. dan Arisamadhi, TMA., (2010): A buffer stocks model for stabilizing price of staple food with considering non speculative wholesaler, in Proc. of *the World Congress on Engineering 2010*, 3, p.p. 2129-2134 (ISBN: 978-988-17012-9-9), (Indexed by SCOPUS), June 30- July 02, 2010, London, UNITED KINGDOM.
8. Sutopo, W. Putra, B, and Wiyono, DS., (2010): An Interactive Web-based Application as Educational Tool for SCM Course by Using FOSS, in Proc. of *the International Conference on Open Source for Higher Education (ICOSic)*, p.p. 55 -60, (ISBN 979-498-560-0), March 15, 2010, Surakarta, INDONESIA.
9. Sutopo, W., Nur Bahagia, S., Cakravastia, A. and Arisamadhi, TMA. , (2009): A Buffer Stocks Model for Stabilizing Price in Duopoly-Like Market, in Proc. of *the 2<sup>nd</sup> Asia Pacific Conference on Manufacturing System (APCOMS) Conference*, p.p. IV.9 -IV.16, (ISBN 0854-431X), Nov. 4th-5th 2009, Yogyakarta, INDONESIA.
10. Sutopo, W., Nur Bahagia, S., Cakravastia, A. and Arisamadhi, TMA., (2009): A Buffer Stocks Model For Stabilizing Price With Considering The Expectation Stakeholders In The Staple-Food Distribution System, in Proc. of *the 5<sup>th</sup> International Intelligent Logistics System (IILS) Conferences*, p.p. 101.1 - 101.10, (ISBN 978-0-646-52115-2), September 27th - 30th 2009, Gold Coast, AUSTRALIA.
11. Sutopo, W. and Nur Bahagia, S., (2008): An Inventory Model for Deteriorating Commodity under Stock Dependent Selling Rate, in Proc. of *the 9<sup>th</sup> Asia Pacific Industrial Engineering and Management Systems (APIEMS) Conference*, pp. 1152-1159 (ISBN 978-979-18925-0-6), December 3-5, 2008, Bali, INDONESIA.

12. Sutopo, W., Nur Bahagia, S., Cakravastia, A., and Ari Samadhi, TMA., (2008): A Buffer Stocks Model to Stabilizing Price of Commodity under Limited Time of Supply and Continuous Consumption, in Proc. of the 9<sup>th</sup> Asia Pacific Industrial Engineering and Management Systems (APIEMS) Conference, p.p. 321-329, (ISBN 978-979-18925-0-6), December 3-5, 2008, Bali, INDONESIA.

#### Refereed Journal Articles: National Accredited J. (NAJ) and ISSN Journal.

##### National Accredited Journal (NAJ):

1. Sutopo, W., Hisjam, M., dan Yuniaristanto (2012): An Agri-Food Supply Chain Model to Enhance The Business Skills of Small-Scale Farmers Using Corporate Social Responsibility, *Makara, Teknologi*, Vol. 16, No. 1, April 2012, pp. 43-50 (ISSN 1693-6698).
2. Sutopo, W., Yuniaristanto, and Widiyanti, B. R., (2007), Determination of Route and Schedule for Delivering Ice Cube by Using Fisher and Jaikumar Algorithm: A cases study, *GEMA TEKNIK*, No. 1/Th. X., pp. 43-49 (ISSN 0854-2279), in INDONESIA.
3. Sutopo, W. (2005), The Relationship Between Microfinance Institution (MFIs) and Contribution of Micro Enterprises Units (MEUs) to Reduce Poverty in Indonesia, *USAHAWAN*, No.01/TH XXXVI, pp. 3-12 (ISSN : 0302-9859), in INDONESIA.

##### ISSN Journal:

1. Sutopo, W., Yuniaristanto, and Pramono, W. (2011), A Distribution Planning Model for Subsidized-Fertilizer Supply Chain Considering Quota Allocation: A Case Study, *Rekayasa: Jurnal Ilmu Sains dan Teknologi*, Vol. 4., No. 1, April 2011, pp. 42-48 (ISSN 0216-9495).
2. Sutopo, W., (2009), The Development of Simultaneous Equation Model to Predict of Economic Contribution from Tourist Industry, *J@TI*, Vol. 4, No. 1, pp. 78-84, (ISSN:1907-1434), in INDONESIA.
3. Sutopo, W., Windhira, W, and Yuniaristanto, (2008), Designing Supply Chain Performance Measurement Model for Minimizing Tardiness in ONS Delivery, *Jurnal Teknik & Manajemen Industri*, Vol. 3 No. 3, pp. 38-48, (ISSN:1978-2861), in INDONESIA.
4. Sutopo, W. and Damayanti, R.W., (2007), Designing Business Process Improvement to Support A New Installation of Fixed Phone in Surakarta, *PERFORMA*, Vol. 6, No. 2. (ISSN 1412 – 8624), in INDONESIA.
5. Sutopo, W., Yuniaristanto, and Srihono, (2007), Determination of Route and Schedule for Delivering Gallon by Using Method of Clark and Wright Saving Heuristic: A cases study, *PERFORMA*, Vol 6, No. 1, pp. 83-95 (ISSN 1412 – 8624), in INDONESIA.
6. Sutopo, W., Yuniaristanto, and Sukarno, SM., (2006), Improving System Procurement and Inventory for Minimizing Opportunity-Losses of Fresh-Food's Wholesaler: A cases study, *PERFORMA*, Vol. 5 No. 2, pp.1-12, (ISSN 1412 – 8624), in INDONESIA.
7. Sutopo, W., Yuniaristanto, and Destyana, (2006), Re-Design of Procedure for Inventory Information System at Publisher Company: A Case Study, *PERFORMA*, Vol. 5 No. 2, pp. 92-110 (ISSN 1412 – 8624), in INDONESIA.
8. Sutopo, W., Hisjam, M. and Marhama, L., (2006), Designing Integrated-Business Process in Small-Mid Size Bottled Drinking Water Company by Using Business Process Reengineering, *PERFORMA*, Vol 5 No. 1. , pp. 23-33, (ISSN 1412 – 8624), in INDONESIA.
9. Sutopo, W., Liquidanu, E., and Sulistiowati, E, (2005), Designing Performance Measurement System of XYZ University Using Balanced Score Card Method: A Case Study, *PERFORMA*, Vol 4 No. 2, pp. 62-75 (ISSN 1412-8624), in INDONESIA.

##### National Conf. (NC):

1. Sutopo, W., Hisjam, M., dan Yuniaristanto (2011): An agri-food supply chain model for empowering farmers as supplier of modern retailer using corporate social responsibility, Proceedings of the 6th National Industrial Engineering Conference 2011 (NIEC-6 2011), pp. 216-224 (ISSN 1412-3525), Oct. 20 2011, , in INDONESIA.
2. Sutopo, W., Yuniaristanto, and Fatmawati, D., (2008), The Design of Supply Chain Performance Measurement Model to Minimize The Delay of Order Accomplishment In RBDH, Proceedings of National Seminar on Industrial System Planning (SNPSI 2008), pp. 314-323, (ISBN 978-979-17756-0-1), March 27-28, in INDONESIA.

**Co- Author:**

International Journal (IJ)	International Conference (IC)	Nat. Accredited J. (NAJ)	ISSN Journal	National Conf. (NC)
(+ 1)	12 papers	1 paper	6 papers (+1)	4 papers

**Refereed Journal Articles (International):**

- 1) Hisjam, M, Devi, R. A., Sutopo, W., and Widodo, K.H. (*Submitted*): "A Manufacturer-Buyer Relationship Model in Export Oriented Furniture Industry with Sustainability Considerations", *Journal of the Chinese Institute of Industrial Engineers*, (ISBN 1017-0669 (Print), 2151-7606 (On line))

**International Conference (IC):**

- 1) Devi, R. A., Hisjam, M., Sutopo, W., and Widodo, K.H. (2012): "A Relationship Model between Manufacturer and Buyer for Order Fulfillment in Export Oriented Furniture Industry with Sustainability Considerations", in Proc. *the International MultiConference of Engineers and Computer Scientists 2012 (IMECS 2012)*, pp. 1407-1411, (ISBN: 978-988-19251-1-4), (14-16 March 2012, Hong Kong).
- 2) Habibie, A., Hisjam, M., Sutopo, W., and Widodo, K.H. (2012): "A Relationship Model between Supplier and Manufacturer for Securing Availability of Teak Log in Export Oriented Furniture Industry with Sustainability Considerations", In Proc. *the International MultiConference of Engineers and Computer Scientists 2012 (IMECS 2012)*, pp. 1292-1297, (ISBN: 978-988-19251-1-4), (14-16 March 2012, Hong Kong).
- 3) Kurniawan, B., Hisjam, M., and Sutopo, W., (2011): "Integration of Production and Supply Chain Strategic Planning for Renewable Resources under Sustainability Considerations: Teakwood Case Study", in Proc. *of the International Conference on Industrial Engineering and Engineering Management*, pp. 433-437, (ISBN 978-4577-0738-4), (6-9 Dec 2011, Singapore), indexed by SCOPUS.
- 4) Yuniaristanto, Sutopo, W., Aisyati, A., and Andreadi, P.W. (2010)., A facility location-allocation model for determining number of depot to distribute material in the rattan furniture industry by considering dynamic demand, in Proc. *of the 11<sup>th</sup> Asia Pacific Industrial Engineering and Management Systems (APIEMS) Conference*, p.p. (P-411), (ISBN: 978-967-5148-80-4), Dec 07 - 11, 2010, Melaka, MALAYSIA.
- 5) Yuniaristanto, Sutopo, W., and Aisyati, A., (2010)., Decision Support System for Determining Number of Depot to Distribute Material in the Rattan Furniture Industry by Considering the Location-Allocation Problem, in Proc. *of the 11<sup>th</sup> Asia Pacific Industrial Engineering and Management Systems (APIEMS) Conference*, p.p. (P-410), (ISBN: 978-967-5148-80-4), Dec 07 - 11, 2010, Melaka, MALAYSIA.
- 6) Hisjam, M. and Sutopo, W., (2010). A Framework of Performance Measurement System to Measure the Sustainability Furniture Production In SMEs, in *Proc. the International GEN Seminar III - Sustainable Bio-resources for Global Welfare*, August 7-8, 2010, Nusa Dua, Bali, INDONESIA, pp. 72-78.
- 7) Hisjam, M. Safitri, MS. and Sutopo, W., (2010). Designing an Open Virtual Factory of Small and Medium-sized Enterprises for Industrial Engineering Education, in Proc. *of the International Conference on Open Source for Higher Education (ICOSic)*, p.p. 25-32, (ISBN ISBN 979-498-560-0), March 15, 2010, Surakarta, INDONESIA.
- 8) Wiyono, DS., Maliki, MC., dan Sutopo, W. (2010). Designing MSCM Application by Using FOSS to Improve the Pedagogic Approach for Learning Distribution Problem, in Proc. *of the International Conference on Open Source for Higher Education (ICOSic)*, p.p. 73 -78, (ISBN 979-498-560-0), March 15, 2010, Surakarta, INDONESIA.
- 9) Hisjam, M. Yuniaristanto, Hakim, I. M. and Sutopo, W. (2009). Designing of ERP Application to Integrate Main Activities in A Simulator Model of SCM Network Distribution: Manufacturer-Distributors-Retailers. In Proc. *of the 2<sup>nd</sup> Asia Pacific Conference on Manufacturing System (APCOMS)*, pp. III.7-III.13, (ISBN 0854-431X), November 4th-5th 2009, Yogyakarta, INDONESIA.
- 10) Yuniaristanto, Sutopo, W., and Aisyati, A. (2009). A Facility Location-Allocation Model for Distributing Raw-Rattan Material To Increase the Rattan Industry Competitiveness: A Case Study. In Proc. *the 5<sup>th</sup> International Intelligent Logistics System Conferences*, p.p. 116.1- 116.7, (ISBN 978-0-646-52115-2), September 27th - 30th 2009, Gold Coast, AUSTRALIA.

- 11) Yuniaristanto, Fauziati, A.N., Hisjam, M. and Sutopo, W. (2008). An Optimization Model for Single-Warehouse Multi-Agents Distribution Network Problems under Varying of Transportation Facilities: A Case Study. In Proc. of the 9<sup>th</sup> Asia Pacific Industrial Engineering and Management Systems Conference, pp. 874-880 (ISBN 978-979-18925-0-6), Dec. 3 - 5, 2008, Bali, INDONESIA.
- 12) Hisjam, M. Yuniaristanto, and Sutopo, W. (2008). Designing Information System To Support Business Process Improvement In Small-Mid Size Bottled Drinking Water Industry, in Proc. of the 9<sup>th</sup> Asia Pacific Industrial Engineering and Management Systems Conference, pp. 994-1000 (ISBN 978-979-18925-0-6), Dec. 3 - 5, 2008, Bali, INDONESIA.

#### **Nat. Accredited J. (NAJ):**

- 1) Yuniaristanto, Sutopo, W., and Aisyati, A. (2010). Pemodelan Lokasi-Alokasi Terminal Bahan Baku untuk Meminimasi Total Biaya Distribusi pada Industri Produk Jadi Rotan, *Jurnal Teknik Industri*, Vol. 12, No.1, p.p. 17-24.(ISSN 1411-2485), in INDONESIA.

#### **ISSN Journal:**

- 1) Dewiningrum, A. P., Kinanti Restiannisa, A., dan Sutopo, W. (Submitted), Penerapan Postponement Strategy dalam Supply Chain Untuk Menghasilkan Produk Yang Mengutamakan Kepuasan Konsumen Dan Meningkatkan Profit Perusahaan, *Rekayasa: Jurnal Ilmu Sains dan Teknologi*, (ISSN 0216-9495), in INDONESIA.
- 2) Wiyono, DS. dan Sutopo, W. (2009), Perancangan Model Distribusi Komoditas Padi Paska-Panen Berbasis Supply Chain Management (Studi Kasus Sistem SAPA Sukabumi), *J@TI*, (ISSN:1907-1434), Vol IV, No 2,pp. 122-130, in INDONESIA.
- 3) Widyastuti, R., Wiyono, DS., and Sutopo, W. (2012), Designing Timber Tracking Application by Using ASP.Net and Web Service as Instrument of Timber Legality Assurance System, *PERFORMA*, Vol. 11, No. 1, pp. 44-50, ISSN: 1412-8624.
- 4) Wiyono,DS., Maliki, MC., Putra, B., Sutopo, W. (2011), Dynamic Learning Media to Improve the Pedagogic Experience in Conveying of SCM Course, *PERFORMA*, Vol. 10, No. 1, pp. 53-60, ISSN: 1412-8624
- 5) Wiyono, DS. dan Sutopo, W. (2009), Perancangan Model Distribusi Komoditas Padi Paska-Panen Berbasis Supply Chain Management (Studi Kasus Sistem SAPA Sukabumi), *J@TI*, (ISSN:1907-1434), Vol IV, No 2,pp. 122-130, in INDONESIA.
- 6) Yuniaristanto, Ramadhany dan Sutopo, W., (2009). Integrasi Data Envelopment Analysis dan Fault Tree Analysis untuk Peningkatan Efisiensi Perusahaan Wholesaler: Studi Kasus. *PERFORMA*, (ISSN 1412 - 8624), Vol. 8 (1). pp. 1-8, in INDONESIA.
- 7) Sari, Y. F. dan Sutopo, W. (2008). Perancangan Sistem Ukuran Overall Equipment Effectiveness untuk Memonitor dan Memperbaiki Efisiensi Proses di Bagian Filling dan Packing. *PERFORMA*, ISSN 1412 - 8624, in INDONESIA.
- 8) Priyanto dan Sutopo, W. (2007). Pengembangan Model untuk Memprediksi Kontribusi Ekonomi dari Kunjungan Wisatawan, *PERFORMA*, Vol. 6, No. 2. ISSN 1412 - 8624, in INDONESIA.

#### **National Conf. (NC)**

- 1) Wiyono, DS., Maliki, MC., dan Sutopo, W. (2009), Pembuatan Aplikasi Berbasis Smart Client Mobile Supply Chain Management (MSCM) pada Distribusi Komoditas Padi Paska-Panen, in Proc. of the INDECT 2009 (Industrial Engineering Conference on Telecommunication), pp. 1-11, (ISSN 2085-3995), October 7-8, 2009, Bandung, **in Indonesian language.**
- 2) Wiyono, DS., Putra, B, dan Sutopo, W. (2009), Pembuatan Aplikasi Supply Chain Management Berbasis Web Service Pada Distribusi Komoditas Padi Paska-Panen, in Proc. of the INDECT 2009 (Industrial Engineering Conference on Telecommunication), pp. 12-25, (ISSN 2085-3995), October 7-8, 2009, Bandung, **in Indonesian language.**
- 3) Sari, A.A., Yuniaristanto, dan Sutopo, W, (2008). Perancangan Sistem Pemilihan Model Diskon Untuk Buyer Produk Textile PT ABC dengan Pendekatan AHP. *Prosiding INSAHP5*, Universitas Diponegoro, Rabu 14 Mei 2008, Semarang, **in Indonesian language.**
- 4) Yuniaristanto, Sutopo, W., and Asmorowati, A., (2008). Material Planning and Control To Minimize The Total Inventory Cost In Djitoe ITC, Inc., in Proc. of National Seminar on Industrial System Planning

2008 (SNPSI 2008), pp. 414-421, (ISBN 978-979-17756-0-1), 27-28 Maret 2008, Bandung, **in Indonesian language.**

#### **K. Research Grants:**

1. Primary Investigator in HIBAH BERSAING Research Program (2011-2012), Focus: An agri-food supply chain model for empowering farmers as supplier of modern retailer using corporate social responsibility, Supported by Directorate General of Higher Education (DGHE), Ministry of National Education, Republic of Indonesia (**Project No. 023/SP2H/PL/Dit.Litabmas/IV/2011 DIPA UNS, contract No. 02338/UN27.16/PN/ 2012**).
2. Co-Primary Investigator in HIBAH BERSAING Research Program (2012), Focus: A Supplier-Manufacturer Relationship Model for Teak Forest Carbon Sequestration and Teak Log Demand Fulfillment, Supported by Sebelas Maret University, (**DIPA UNS, contract No. 04/UN27.8/PN/ 2012**).
3. Primary Investigator in HIBAH DISERTASI Research Program (2010), Focus: A Buffer Stocks Model for Stabilizing Price in the Price Stabilization of Staple Food in Indonesia using Warehouse Receipt System, Supported by Directorate General of Higher Education (DGHE), Ministry of National Education, Republic of Indonesia, **Project No. SPS ITB, 556/K01.12.2/KU/2010**.
4. Co-Primary Investigator in HIBAH BERSAING Research Program (2010), Focus: Decision Support System for Determining Number of Depot to Distribute Material in the Rattan Furniture Industry by Considering the Location-Allocation Problem, Supported by Directorate General of Higher Education (DGHE), Ministry of National Education, Republic of Indonesia, **Project No.192/H27/PG/2010**.
5. Co-Primary Investigator in HIBAH BERSAING Research Program (2009), Focus: A Facility Location-Allocation Model for Distributing Raw Rattan Material to Increase The Rattan Industry Competitiveness, Supported by Directorate General of Higher Education (DGHE), Ministry of National Education Republic of Indonesia, **Project No. DIPA UNS, No.0162.0/023-04.2/XIII/2009**.
6. Special Research Student at Dept. of Artificial Complex Systems Eng. Hiroshima University, Sept. 16, 2008 - Dec. 02, 2008, supported by Sandwich-like Program, DGHE, Ministry of National Education - RI, **Project No. 2054.2/D4.4/2008**.
7. Primary Investigator in Young Researcher Research Program (2008), Focus: Designing Information System to Support Business Process Improvement In A Small-Mid Size Bottled Drinking Water Industry, Supported by DGHE, Ministry of National Education Republic of Indonesia.
8. Primary Investigator in Young Researcher Research Program (2007), Focus: Designing Business Process Improvement to Support A New Installation of Fixed Phone in Surakarta, Supported by DGHE, Ministry of National Education Republic of Indonesia.
9. Co-Primary Investigator in Research Program (2006), Focus: Survey on Regulations and Policies Affecting Rattan Furniture Production, Supported by GTZ-red, Surakarta.

#### **K. Academic Visit**

1. Hiroshima University, Dept. of Artificial Complex Systems Eng, 12 weeks in 2008.
2. Saga University, 4 weeks , Graduate School of Science and Engineering, (August 08 – Sept 07, 2012, funded by SAME Program, DIKTI - Kemendikbud)

#### **L. Editorial work and Referee Assignments / Conference Assignments**

- 1) Facilitator of Working Paper Forum, International Office UNS.
- 2) Editor Secretary, PERFORMA, Industrial and Engineering National Journal
- 3) Reviewer, of the International Conference on Open Source for Higher Education (ICOSic), March 15, 2010, Surakarta, INDONESIA.
- 4) Reviewer, Yugoslav Journal of Operations Research

#### **M. Community Services/Consultancy Projects:**

1. Training Courses on Implementing An agri-food supply chain model for empowering farmers as supplier of modern retailer at PT Indomarco Prismatama, Supported by **RG of Logistics System and Business**, Department of Industrial Engineering, Faculty of Engineering, Sebelas Maret University.
2. Training Courses on Implementing Business Process and Quality Improvement Model by Using ISO 9000:2000 Quality Management System at Shoes Factory – Small Medium Enterprises, Supported by LPPM, Sebelas Maret University, August 2009.

3. Training Courses on Implementing ISO 9000:2000 Quality Management System at Furniture Factory-CV. Gion & Rahayu, Supported by Industrial Engineering Department, Sebelas Maret University, June 2008.
4. Training Courses on Cost Analysis and Estimation, Laboratory of Logistics System and Business, Sebelas Maret University, June 27-28, 2008.
5. Training Courses on Implementing Route and Schedule for Delivering Gallon Model by Using Method of Clark And Wright Saving Heuristic: PT. Tirta Alam Tunggon, Supported by Industrial Engineering Department, Sebelas Maret University, April 2007.