

Prof Intan Ahmad P.hD

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Education

- **Undergraduate Courses:** Environmental Science, Evolution, Toxicology of Pesticides, Integrated Pest Management, Urban Pest Management Urban Entomology
Bandung Institute of Technology (1977-1982)
- **Graduate Course:** Biological Control, Special topic in Entomology, The Philosophy of Science, Evolution
University of Illionis at Urbana Campaign, Illionis, USA (1986-1992)

Experience

2015 – now	Director General of Learning and Student Affairs, Ministry of Research, Technology and Higher Education
2012 – 2015	Chairman of the Senate Institut Teknologi Bandung
2010 – 2015	Chairman of the Senate School of Life Sciences and Technology ITB
2006 – 2010	Dean School of Life Sciences and Technology ITB
2004 – 2005	Dean Fac. Mathematics and Natural Sciences ITB
2003 – 2004	Head, Information Resources ITB
1999 – 2002	Assistant Director Graduate School ITB
1998 – 1999	Head, Dept. of Biology-ITB
1993 – 1998	Vice Dean III FMIPA ITB
1989 – 1991	Illinois Natural History Survey, ILL, USA
1982 – 1986	Sr. Marketing Executive ,The Wellcome Foundation Ltd.

Association

- Entomological Society of Indonesia
- Entomological Society of America (ESA)
- Entomological Society of Korea (ESK)

Reviewer for

- Journal of Economic Entomology (USA)
- Annals Entomological Society of America (USA)

- [Journal of Medical Entomology](#)
- [International Journal of Integrative Biology \(IJIB\)](#).

Others

- 2012: Member of Pesticide Commission RI
- 2006 – 2010 :Head R&D, Indonesian Karate-do Federation
- 1996 – 2005:Coordinator: Asian Internet Interconnection Initiatives (AIII)- ITB
- 1998 – 2005: Board of Director Asian Internet Interconnection Initiatives (AIII), Japan.
- 2001: Consultant and practitioner [Urban Pest Management](#)
- Research Collaboration (with MoUs): Universiti Sains Malaysia (Prof. Lee Chow Yang), Danish Pest Infestation Laboratory (DPIL), Denmark
- [He got his black belt in Karate in 1978](#), and now he holds 2nd Dan (he was gold and silver medalist in PON 1981 and PON 1985, respectively)

Publication

- Yerslin Mantolu, Kustiati, Trisnowati Budi Ambarningrum, Sri Yusmalinar, **Intan Ahmad**, 2016. [Status dan perkembangan resistensi Aedes aegypti \(Linnaeus\) \(Diptera: Culicidae\) strain Bandung, Bogor, Makassar, Palu, dan VCRU terhadap insektisida permetrin dengan seleksi lima generasi](#). Jurnal Entomologi Indonesia, Vol. 13 (1): 1-8
- Ramadhani Eka Putra, **Intan Ahmad**, Didot Budi Prasetyo, Silvi Susanti, Resti Rahayu and Nova Hariani 2016. [Detection of insecticide resistance in the larvae of some Aedes aegypti \(Diptera: Culicidae\) strains from Java, Indonesia to Temephos, Malathion and Permethrin 2016](#). International Journal of Mosquito Research 3(3): 23-28
- Kustiati, M.I. Tan, S. Yusmalinar, T.B. Ambarningrum, and **Intan Ahmad**. 2016. [Monitoring Permethrin and Imidacloprid Resistance in Indonesian House Fly Musca domestica \(Diptera: Muscidae\)](#). Journal of Entomology 13 (1-2): 40-47.
- Amran, **Ahmad Intan**, Putra, RE dan Kuswanto, E. 2015. [Aplikasi campuran serbuk kayu pinus dan fipronil sebagai umpan rayap tanah Macrotermes gilvus \(Hagen\(Isoptera:Termitidae\) di Bandung](#). Jurnal Entomologi Indonesia Vol. 12 (2): 73-79
- **Ahmad Intan**, Susanti Silvi, Kustiati, Yusmalinar Sri, Rahayu Resti, Hariani Nova. 2015. [Resistensi lalat rumah, Musca domestica Linnaeus \(Diptera: Muscidae\) dari empat kota di Indonesia terhadap permetrin dan propoksur](#). Jurnal Entomologi Indonesia Vol. 12 (3): 123-128
- Kuswanto E.,**Ahmad,I**,Putra,RE. and Harahap,IS. 2015. [Two Novel Volatile Compounds as the Key for Intraspecific Colony Recognition in Macrotermes gilvus \(Isoptera: Termitidae\)](#). Journal of Entomology 12(2):87-94.
- Kuswanto,E., **Ahmad, I**,and Dungani R. 2015. [Threat of Subterranean Termites Attack in the Asian Countries and their Control: A Review](#). Asian Journal of Applied Sciences, 8: 227-239
- Anggraeni, T., Rahayu, S., **Ahmad, I.**, Esyanti, R.R., and Putra R.E. 2013. Resources partitioning and different foraging behavior is the basis for the coexistence of Thrips hawaiiensis (Thysanoptera: Tripsidae) and Elaeidobius kamerunicus (Coleoptera: Curculionidae) on oil palm (Elaeis guineensis Jacq) flower. J. Entomol. Nematol Vol. 5 (5): 59-63
- Permana AD, Johari A, Putra E, Sastrodihardjo S, **Ahmad I** (2012) . The influence of trichome characters of soybean (Glycine max Merrill) on oviposition preference of soybean pod borer Etiella zinckenella Treitschke Lepidoptera: Pyralidae) in Indonesia. Journal of Entomology and Nematology Vol. 4(3), pp. 15-21. ([PDF](#))
- Rahayu, R., **Ahmad, I.**, Ratna, E.S., Tan, M.I., and Hariani, N. 2012. Present status for carbamate, pyrethroids and phenylpyrazole insecticide resistance to German cockroach, Blattella germanica in Indonesia. Journal of Entomology 9(6): 361-367 ([PDF](#))
- **Ahmad, I.** 2011. Adaptasi Serangga dan Dampaknya Terhadap Kehidupan Manusia ([PDF](#)) . MGB-ITB
- Hariani, N, **Ahmad, I.** dan Rahayu R. 2011. Efisiensi makan Spodoptera exigua (Lepidoptera: Noctuidae) Pada Bawang Daun, Sawi Hijau dan Seledri di Laboratorium. Jurnal Natur Indonesia 14(1): 86-89 ([PDF](#))

- **Ahmad, I.** and Suliyat. 2011. Development of fipronil gel bait against German cockroaches, *Blattella germanica* (Dictyoptera: Blattellidae): Laboratory and Field Performance in Bandung, Indonesia. *Journal of Entomology* 8(3): 288-294 ([PDF](#))
- **Ahmad, I.**, Patrakomala, S., Dwiyantri, S., and Putra. 2009. Effect of thyroxine on silk gland, and the effect of two different mulberry varieties with thyroxine on silk quality in the silkworm *Bombyx mori* (Lepidoptera: Bombycidae). *African Journal of Biotechnology* Vol. 8 (11): 2644-2647 ([PDF](#))
- **Ahmad, I.**, Sriwahjuningsih, Astari, S, Putra, R.A., and Permana, A.D. 2009. Monitoring Pyrethroid Resistance in Field Collected *Blattella germanica* Linn. (Dictyoptera: Blattellidae) in Indonesia *Entomological Research* 39: 114-118
- **Ahmad, I.**, Astari, S, Rahayu, R., dan Hariani N. 2009. Status Kerentanan *Aedes aegypti* (Diptera: Culicidae) Pada Tahun 2006-2007 Terhadap Malatun di Bandung, Jakarta, Palembang, Surabaya, Palembang dan Palu. *Biosfera* 26 (2): 85-89 ([PDF](#))
- **Ahmad, I.**, Maramis, R, Sastrodihardjo, S. and Permana, D. 2008. Abundant parasitoids of *Erionota thrax* (Lepidoptera; Hesperidae) in four banana plantations around Bandung areas. (ICMNS) Institut Teknologi Bandung, 28-30 October, 2008. ([PDF](#))
- **Ahmad, I.**, Rahayu, R., Permana, A.D., and Astari, S. 2007. Alteration of Ecdysteroid Titre by Thyroxine and Juvenile Hormone Analogue (Methoprene) in *Bombyx mori* (Lepidoptera: Bombycidae) *Biota* Vol. 12 (2): 116-121 ([PDF](#))
- **Ahmad, I.**, Astari, S., Tan, M., 2007. Resistance of *Aedes aegypti* (Diptera: Culicidae) in 2006 to pyrethroid insecticides in Indonesia and its association with oxidase and esterase levels. *Pakistan Journal of Biological Sciences* 10 (20): 3688-3692 ([PDF](#))
- **Ahmad, I.**, Astari, S., Rahardjo B., Tan, M., Munif, A. 2006. Resistance of *Aedes Aegypti* from Three Provinces in Indonesia, to Pyrethroid and Organophosphate Insecticides. *Proceedings International Conference on Mathematics and Natural Sciences*. ITB. 29 – 30 November 2006 ([PDF](#))
- Astari, S and **Ahmad, I.** 2005. Insecticide Resistance and Effect of Piperonyl Butoxide as Synergist in Three Strains of *Aedes aegypti* (Linn.) (Diptera: Culicidae) to Insecticide Permethrin, Cypermethrin, and d-Allethrin, *Bulletin of Health Studies* Vol 33(2):73-79 ([PDF](#))
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- **Ahmad, I.**, Hariyadi, S., and Anggraeni 2001. Nutrient self-selection by the armyworm, *Spodoptera exempta* WALKER (Lepidoptera: Noctuidae) larvae *Pakistan Journal of Biological Sciences* Vol. 4 (2): 684-687 ([PDF](#))
- **Ahmad, I.**, Kamal, M. 2001. Consumption and Utilization of Complete Defined Diets Containing various Carbohydrates by *Spodoptera exempta* (Lepidoptera: Noctuidae). *Biota* Vol. VI (3): 99-104 ([PDF](#))
- **Ahmad, I.** 2001. Dietary compensatory feeding in *Manduca sexta* (Lepidoptera: Sphingidae) larvae. *Indonesian Journal of Plant Protection* Vol. 7. No. 2:81-92 ([PDF](#)).
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- **Ahmad, I.** 1995. *Entomologi dan Teknologi Pengendalian Serangga Hama yang Berwawasan Lingkungan*. Penerbit ITB ([PDF](#))

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