Area-Wide Integrated Pest Management (AW-IPM): Principles, Practice and Prospects p. 3

Area-Wide Pest Management: Environmental, Economic and Food Issues p. 35

Engineering Insects for the Sterile Insect Technique p. 51

The hobo, Hermes and Herves Transposable Elements of Insects p. 61

Improving the Ecological Safety of Transgenic Insects for Field Release: New Vectors for Stability and Genomic Targeting p. 73

Development of an Embryonic Lethality System in Mediterranean Fruit Fly Ceratitis capitata p. 85

New Sexing Strains for Mediterranean Fruit Fly Ceratitis capitata: Transforming Females into Males p. 95

Developing Transgenic Sexing Strains for the Release of Non-Transgenic Sterile Male Codling Moths Cydia pomonella p. 103

Sex Chromatin Body as a Cytogenetic Marker of W Chromosome Aberrations in Cydia pomonella Females p. 113

Potential Use of a Conditional Lethal Transgenic Pink Bollworm Pectinophora gossypiella in Area-Wide Eradication or Suppression Programmes p. 119

Wolbachia-Induced Cytoplasmic Incompatibility to Control Insect Pests? p. 125

Symbiosis-Based Technological Advances to Improve Tsetse Glossina spp. SIT Application p. 137

Colony Maintenance and Mass-Rearing: Using Cold Storage Technology for Extending the Shelf-Life of Insects p. 149

Improving the Efficacy of the Sterile Insect Technique for Fruit Files by Incorporation of Hormone and Dietary Supplements into Adult Holding Protocols p. 163

Unfaithful Mediterranean Fruit Fly Ceratitis capitata Females: Impact on the SIT? p. 175

Assessing Genetic Variation in New World Screwworm Cochliomyia hominivorax Populations from Uruguay p. 183

Emerging Mosquito-Borne Flaviviruses in Central Europe: Usutu Virus and Novel West Nile Viruses p. 193

The Role of Geographic Information Systems and Spatial Analysis in Area-Wide Vector Control Programmes p. 199

Optimizing Strategies for Eradication of Discrete-Generation Lepidopteran Pests Using Inherited Sterility p. 211

A Diffusion Model for Glossina palpals gambiensis in Burkina Faso p. 221

Current Advances in the Use of Cryogenics and Aerial Navigation Technologies for Sterile Insect Delivery Systems p. 229

Area-Wide IPM for Commercial Wheat Storage p. 239

Development, Validation and Use of a Simulation Model to Deliver National Predictions of Ovine Cutaneous Myiasis Risk in the British Isles p. 247

Problems with the Management of the Golden Apple Snail Pomacea canaliculata: an Important Exotic Pest of Rice in Asia p. 257

Mass-Rearing and Field Performance of Irradiated Carob Moth Ectomyelois ceratoniae in Tunisia p. 265

Autodissemination of Semiochemicals and Pesticides: a New Concept Compatible with the Sterile Insect Technique p. 275

Strategies to Control the Desert Locust Schistocerca gregaria p. 285
The Mountain Pine Beetle Dendroctonus ponderosae in Western North America: Potential for Area-Wide Integrated Management

A Strategy for an Area-Wide Control Campaign with an SIT Component to Establish a Tsetse- (Glossina austeni and Glossina brevipalpis) Free South Africa

Area-Wide Control of Tsetse and Trypanosomosis: Ethiopian Experience in the Southern Rift Valley

Don't Let Cacto Blast Us: Development of a Bi-National Plan to Stop the Spread of the Cactus Moth Cactoblastis cactorum in North America

Preventive Programme Against the Cactus Moth Cactoblastis cactorum in Mexico

Area-Wide Control Tactics for the False Codling Moth Thaumatotibia leucotreta in South Africa: a Potential Invasive Species

SIT for the Malaria Vector Anopheles arabiensis in Northern State, Sudan: an Historical Review of the Field Site

Integrated Management of Rice Stem Borers in the Yangtze Delta, China

Management of Cotton Insect Pests in Tajikistan

Insecticidal Wound Treatment of Livestock on Isla de la Juventud, Cuba: an Efficient Suppression Method of New World Screwworm Cochliomyia hominivora Prior to the Release of Sterile Insects

Area-Wide Integrated Pest Management Programmes and Agricultural Trade: Challenges and Opportunities for Regulatory Plant Protection

Systems Approaches as Phytosanitary Measures: Techniques and Case Studies

Postharvest Phytosanitary Radiation Treatments: Less-Than-Probit 9, Generic Dose, and High Dose Applications

Tools for the Trade: the International Business of the SIT

Privatizing the SIT: a Conflict Between Business and Technology?

Private Sector Investment in Mediterranean Fruit Fly Mass-Production and SIT Operations - The "Sheep" of the Private Sector Among the "Wolves" of the Public Good?

Assessment of the Sterile Insect Technique to Manage Red Palm Weevil Rhynchophorus ferrugineus in Coconut

Area-Wide Suppression of Invasive Fire Ant Solenopsis spp. Populations

A Cultural Method for the Area-Wide Control of Tarnished Plant Bug Lygus lineolaris in Cotton

Use of the Sterile Insect Technique Against Aedes albopictus in Italy: First Results of a Pilot Trial

Area-Wide Integrated Control of Oriental Fruit Fly Bactrocera dorsalis and Guava Fruit Fly Bactrocera correcta in Thailand

Establishment of a Mediterranean Fruit Fly Ceratitis capitata, Fruit Fly Parasitoids and Codling Moth Cydia pomonella Rearing Facility in North-Eastern Brazil

Pilot Mediterranean Fruit Fly Ceratitis capitata Rearing Facility in Tunisia: Constraints and Prospects

Progress of Boll Weevil Anthonomus grandis Eradication in the United States of America, 2005

Regional Management Strategy for Cotton Bollworm Helicoverpa armigera in China

Integrated Systems for Control of the Pink Bollworm Pectinophora gossypiella in Cotton