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Date of Birth: 2nd December 1959
Position: Professor (C3)
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Education and specialization:

1979-1984 Studies in Agricultural Sciences (Univ. Göttingen, Vienna)
1984 Diploma Agricultural Sciences, (Focus on Plant Production)
1988 PhD in Agronomy, Univ. of Göttingen
1995 Habilitation in Agronomy and Grassland Science, Univ. Gießen

Academic appointments:

1984-1988 Research Assistant, Univ. of Göttingen (Agronomy)
1988-1989 PostDoc University of Göttingen (Environmental Sciences)
1989-1994 PostDoc University of Gießen (Grassland Science)
1994 Research Fellow (DFG) Institute of Grassland & Environmental Research, UK
1995-1996 Associate Professor, Univ. of Gießen (Grassland Science)
since 1996 Full Professor (C3) Univ. of Göttingen, Grassland Science

Other professional/academic positions:

since 1999 Member of the Editorial Board of Germ. J. Agron.
since 2002 Member of the Editorial Board of J. Agr. Crop Sci.
since 2002 Head of the German Grassland Society
2002-2006 Member of the board of the European Grassland Federation
since 2004 Member of the DFG Review Board 207 (Agriculture, Forestry, Horticulture and Veterinary Medicine, subject area Plant Cultivation)
since 2005 Member of the board of the International Grassland Society

Key research expertise:

- Agronomy of grassland systems
- Grassland management and biodiversity
- Development of innovative schemes to enhance the agri-environment
- Nitrogen and potassium cycling in forage production systems
- Organic grassland farming and livestock production

Major research funds since 2001 (selection):

- Biodiversity and spatial complexity in agricultural landscapes – agroecology and socio economy, BMBF 01LC0620b, 2006-2009, 927.545 €, shared with R. Marggraf, T. Tschardtke
- Mechanisation of landscape conservation in nature reserves and FFH areas, DBU AZ 22629-34-0, 2005-2008, 529.590 €, shared with Agricultural Engineering Department at Goettingen University, co-operation with an industrial company
- Analysis and evaluation of potential developments of forage production and animal nutrition in organic farming, BMVEL/BLE 514-43.20/03OE475, 2004-2007, 86.435 €, shared with Animal Nutrition Department at Goettingen University
- Concepts for the accomplishment of ecological performances in agricultural landscapes - Biodiversity and spatial complexity, BMBF 01LC0020a, 2003-2006, 814.147 €, shared with R. Marggraf, T. Tschardtke

- Integrating foraging attributes of domestic livestock breeds into sustainable systems for grassland biodiversity and wider countryside benefits, EU QLRT-1999-30130, 2001-2005, 249.000 €, interdisciplinary project with partner institutions from five European countries
- Nutrient availability and utilization of clover and forb rich grasslands along the chain of forage production, conservation, and digestion, BMVEL/BLE 514-43.20/02OE621, 2002-2004, 71.052 €, together with Animal Nutrition Department at Goettingen University
- Biodiversity and spatial complexity in agricultural landscapes under global change, BMBF 01LC0020, 2000-2003, 850.749 €, shared with R. Marggraf, T. Tschardtke, S. Vidal

Other academic activities:

- Peer reviewer for funding agencies (DFG, DAAD, DBU, BMBF, AvH, Studienstiftung, Czech Research Foundation)
- Founder member of the Centre of Agronomy of Lower Saxony, contributing institutions: University of Goettingen (Agricultural Sciences, University of Hannover (Horticultural Sciences), Federal Biological Research Centre for Agriculture and Forestry (BBA), Federal Agricultural Research Centre (FAL)

Selected publications:

- Isselstein, J., Griffith, B.A., Pradel, P., Venerus, S., 2007. Effects of livestock breed and grazing intensity on biodiversity and production in grazing systems. 1. Nutritive value of herbage and livestock performance. *Grass and Forage Science*, in press.
- Klimek, S., Richter gen. Kemmermann, A., Hofmann, M., Isselstein, J., 2007. Plant species richness and composition in managed grasslands: The relative importance of field management and environmental factors. *Biological Conservation* 134, 559 – 570.
- Marini, L., Scotton, M., Klimek, S., Isselstein, J., Pecile, A., 2007, Effects of local factors on plant species richness and composition of Alpine meadows. *Agriculture, Ecosystems and Environment* 119, 281-288.
- Dalle Tussie, Gemedo, Maass, B.L., Isselstein, J., 2006: Encroachment of woody plants and its impact on pastoral livestock production in the Borana lowlands, southern Oromia, Ethiopia. *African Journal of Ecology* 44, 237-246.
- Isselstein, J. 2005. Enhancing grassland biodiversity and its consequences for grassland management and utilisation. In: *Grassland: a global resource*. XX International Grassland Congress. Invited Papers. Wageningen Academic Press, Wageningen, 305 – 320.
- Kayser, M., Isselstein, J. 2005. Potassium cycling and losses in grassland systems: a review. *Grass and Forage Science* 60, 213-224.
- Hofmann, M., Isselstein, J., 2004: Seedling recruitment on agriculturally improved mesic grassland: the influence of disturbance and management schemes. *Applied Vegetation Science* 7, 193-200.
- Rook, A.J., Dumont, B., Isselstein, J., Osoro, K., WallisDeVries, M.F., Parente, G., Mills, J., 2004. Matching type of livestock to desired biodiversity outcomes in pastures – a review. *Biological Conservation* 119, 137 – 149.
- Gerowitt, B., Isselstein, J., Marggraf, R. 2003. Rewards for ecological goods – requirements and perspectives for agricultural land use. *Agriculture, Ecosystems & Environment* 98, 541 – 547.
- Isselstein, J., Tallowin, J.R.B., Smith, R.E.S., 2002. Factors affecting seed germination and seedling establishment of some fen-meadow species. *Restoration Ecology* 10, 173-184.

Supervision of PhD students

- Klimek, Sebastian, 2006: Effects of local and landscape factors on grassland plant biodiversity. Dissertation University of Goettingen.
- Röver, Klaus-Ulrich, 2006. Grazing behaviour and performance of beef cattle on grassland managed for biodiversity benefits. Göttinger Agrarwissenschaftliche Beiträge, Bd. 16, 95 S.
- Bertke, Elke, 2005. Ökologische Güter in einem ergebnisorientierten Honorierungssystem für ökologische Leistungen der Landwirtschaft. Herleitung – Definition – Kontrolle. Göttingen, Univ. Diss. ibidem Verlag, Stuttgart
- Sahin, Nurdan, 2005. Vegetationsentwicklung und Weideleistung von Grasland bei extensiver Beweidung mit Ochsen. Cuvillier, 66 S.
- Seidel, Kirsten, 2005. Stickstoffausträge und Stickstoffhaushalt nach Grünlanderneuerung und Grünlandumbruch. Göttinger Agrarwissenschaftliche Beiträge, Bd. 15, 95 S.
- Dalle, Gemedo Tussie, 2004. Vegetation ecology, rangeland condition and forage resources evaluation in the Borana Lowlands, Southern Oromia, Ethiopia, Cuvillier, 258 p.
- Schiermann, T., 2004. Untersuchungen zur Variabilität und Kausalität des potentiellen Nitrataustrages beim Anbau von Zea mays in Deutschland. Dissertation. Georg-August-Universität, Göttingen. 138 S.
- Kayser, M., 2003. Nitrogen and potassium leaching from grassland: The effect of fertilizer regime and application of cattle urine. Göttinger Agrarwissenschaftliche Beiträge, Bd. 14.
- Kosch, R., 2003. Einfluss der Festmistaufbereitung und -anwendung auf die Stickstoffflüsse im ökologisch wirtschaftenden Futterbaubetrieb. Göttinger Agrarwissenschaftliche Beiträge, Bd. 12, 108 S.
- Strodthoff, J., 2003, Heterogenität der Grasnarbe bei selektiver Beweidung von extensiviertem Niedermoorgrünland. Cuvillier, 98 S.
- König, H.P., 2002. Stickstoffumsatz und Nmin-Anreicherung auf Grünland während des Winters bei ganzjähriger Außenhaltung von Fleischrindern. Cuvillier, 121 S.
- Kowarsch, N.R., 2002. Möglichkeiten und Bedingungen der Erhöhung der Artenvielfalt auf artenarmem Grünland bei unterschiedlicher Bewirtschaftung über experimentelle Aussaat. Verlag Görlich & Weiershäuser Marburg, 127 S.
- Landwehr, B., 2002. Untersuchungen zur Nitratauswaschung unter Mähweiden in Abhängigkeit von der Stickstoffversorgung und dem Weidenutzungsanteil mit gesonderter Betrachtung der N-Dynamik an Hareintragstellen. Cuvillier, 102 S.
- Scheringer-Wright, J., 2002. Nitrogen on dairy farms: balances and efficiency. Göttinger Agrarwissenschaftliche Beiträge, Bd. 10, 110 p.