个人简历

马义兵，男，1957 年生，博士，博士生导师，泰山学者。现任澳门科技大学 教授，澳门环境研究院院长，澳门海岸带生态环境国家野外科学观测研究站站长。曾任中国农业科学院农业资源与农业区划研究所研究员，国家土壤肥力和肥料效应监测站网主任，亚洲重金属研究中心主任。农业部公益性农业行业科研专项“主要农产品产地土壤重金属污染阈值研究与防控技术集成示范”项目首席，国家“十三五”“农业面源和重金属污染农田综合防治与修复技术研发”重点专项项目首席。自 1982 年以来，一直从事土壤环境中重金属和养分研究，包括土壤中重金属的形态，有效性/毒害及其可预测性模型研究；土壤重金属环境风险评价和污染土壤修复技术产品研发；以及固体废弃物资源化利用和新型肥料研制。主持国家公益性农业行业科研专项项目，国家 973、863 计划、支撑计划课题和国家基金委面上及重大国际合作项目等。参与我国农田重金属污染防治的有关管理规范和规划的制定。共发表学术论文 320 多篇，其中 EI 论文 14 篇，SCI 源刊论文 200 多篇，被引用 9000 多次（h-指数 45）。国际会议论文 44 篇。合著中英文著作和论文集 9 本。国际合作项目技术总结报告（英文）11 个。国家发明专利 19 项。国家和行业标准 11 项。获国家或省部级科技进步奖 8 项。

教育经历

- 1978 年－1982 年，北京农业大学，土化系，本科/学士
- 1985 年－1987 年，北京农业大学，土化系，研究生/硕士（在职）
- 1993 年－1997 年，澳大利亚 La Trobe 大学，农业学院，博士

研究工作经历

- 1982 年－1987 年，北京农业大学土化系，助教
- 1987 年－1992 年，北京农业大学土化系，讲师
- 1988 年－1989 年，澳大利亚 La Trobe 大学农业学院，访问学者
- 1992 年－1993 年，北京农业大学土壤与土地系，副教授、系副主任
- 1996 年－1998 年，澳大利亚 La Trobe 大学农业学院，研究助理
- 1998 年－2002 年，澳大利亚 DEBCO 集团公司研发部，研究员
- 2002 年－2004 年，澳大利亚联邦科学和工业研究组织（CSIRO），研究科学家
- 2004 年－2012 年，中国农业科学院农业资源与农业区划研究所研究员(杰出人才引进)，澳大利亚联邦科学和工业研究组织（CSIRO）研究科学家（兼职）

- 2013 年－2019 年，中国农业科学院农业资源与农业区划研究所研究员，山东济南大学教授，泰山学者。
- 2019 年－现在，澳门科技大学 教授，澳门环境研究院院长，澳门海岸带生态环境国家野外科学观测研究站站长。

学术活动与兼职（包括曾经兼职）

1. 国际痕量元素生物地球化学委员会委员（ICOBTE）
2. 世界环境毒理与化学学会科学委员会委员（SETAC）
3. 中国环境重金属研究网（MERC）成员
4. 《生态毒理学报》（Asian Journal of Ecotoxicology）编委
5. 中国农村专业技术协会第三届理事会专家委员会副主任委员
6. 农业部农业环境和气候变化重点实验室学术委员会委员
7. 农业部农业环境污染突发事件应急委员会委员
8. 农业农村部农用地污染防治专家指导组组长
9. 农业农村部耕地质量建设专家指导组成员
10. 中国科学院土壤环境与污染修复重点实验室学术委员会委员
11. 中国科学院大学“环境土壤学”首席教授
12. 全国专业标准化技术委员会委员
13. 财政部农业部“湖南重金属污染耕地修复及农作物种植结构调整试点”工作效果评估专家组副组长
14. 科学技术部国家重点专项“场地土壤污染成因与治理技术”总体专家组成员
15. 生态环境部“土壤污染状况详查”咨询专家组成员兼报告编写组副组长
16. 全国人大环境与资源保护委员会“土壤污染防治法”立法咨询专家
17. 联合国粮农组织/世行高级咨询专家。

发表论文（300 多篇，列出主要 SCI 文章）

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主编和参编主要著作（章）

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主要国家发明专利

1. 淀粉基磷肥及其制备方法，专利号：200710175496
2. 一种缓释尿素及其制备方法，专利号：200810103916.4
3. 一种钝化修复土壤镉污染的方法，专利号：200810239918.6
4. 利用淡水发光细菌检测铜污染土壤急性毒性的方法，专利号：200910079402.4
5. 一种利用纳米羟基磷灰石去除污水中重金属离子的方法，专利号：200910088835.6
6. 一种秸秆磷肥及其制备方法，专利号：2009100813152
7. 一种钠型纳米蒙脱土在去除污染物中铜方面的应用，专利号：201010034308.X
8. 一种土壤钝化剂及其制备方法及降低烟草镉的应用，专利号：ZL 2013 1 0265014.1

近期主持的主要项目

1. 国家重点研发计划“农业面源与重金属污染农田综合防治与修复技术研发”重点专项“农田系统重金属迁移转化和安全阈值研究”(国家重点研发计划, 2598 万， 2016－2020)
2. 重金属超标农田安全利用技术研究与示范（支撑计划子课题，82 万，2015－2019）
3. 主要农产品产地土壤重金属污染阈值研究与防控技术集成示范（公益性农业行业科研专项，1685 万，2009－2013）