****个人简介：****

张达，清华大学能源环境经济研究所所长助理、长聘副教授，博士生导师，兼任清华三峡气候与低碳中心副主任、清华碳中和研究院气候治理与碳金融中心副主任，在气候变化政策和能源电力系统规划研究领域有长期积累。获得海外高层次人才青年项目资助，担任气候变化经济学领域重要期刊Climatic Change、Journal of Global Economic Analysis副主编。从2009年开始，持续开展能源经济综合评估建模、高比例可再生能源电力系统装机与运行优化研究，牵头开发了中国分区能源经济模型（C-REM）、中国全球能源经济模型（C-GEM）、中国可再生能源电力规划及运行模式（REPO）、高时空分辨率可再生能源布局与电力系统优化模式（RESPO）、中国分区综合评估模式（REACH）等具有自主知识产权、支撑我国多项能源与气候变化领域重要战略政策制定的定量工具，并主持了包括国家自然科学基金、国家发改委、国家能源局、生态环境部、国家电网、南方电网、世界银行、亚洲开发银行、国际能源署、美国环保协会等机构资助的多项我国能源系统转型相关的研究项目，主持项目总金额超过2300 万元。以上研究工作形成的成果以论文形式在 Nature Climate Change（一篇第一作者、一篇共同第一作者）、Nature Energy（一篇第一作者、一篇共同第一作者）、Joule（一篇共同通讯作者）、One Earth（一篇共同通讯作者）、Lancet Planetary Health（一篇共同通讯作者）、Environmental and Resource Economics、Energy Economics、Climate Change Economics、Economics of Energy and Environmental Policy、Climatic Change、Climate Policy、Energy Policy、Applied Energy、Energy、Resources, Conservation and Recycling 以及《管理世界》等国内外知名期刊发表数十篇，形成与国际能源署联合发布的报告两部，产生了较为广泛的社会影响。还受邀担任 “Blue Planet Prize” 提名专家和 “Lindau Meeting on Economic Sciences”评审专家。

个人主页 [www.energyda.cn](http://www.energyda.cn/)

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谷宇辰,张达,张希良. 关于完善能源消费“双控” 制度的思考与建议—基于“十三五”能源消费变化的研究.中国能源. 2020,42(09): 4-9.

****主要项目：****

•推进绿色电力交易、多年期购电协议和清洁热力采购,苹果采购运营管理（上海）有限公司, 2025-05至2025-12，68万元，主持

•[可再生能源评估与新型电力系统建模分析（四期）](https://kyxxglxt.tsinghua.edu.cn/business/vprojectAction!to_view.action?entity.id=26ef84ce971f2b6501972031871219ed&isPersonalCenter=false&ck=G9ITHL8V33LP28HDIB8SQIXJCFQSII7I&ck=G9ITHL8V33LP28HDIB8SQIXJCFQSII7I" \o "项目查看" \t "https://kyxxglxt.tsinghua.edu.cn/business/_blank)，清华大学科研院，2025-04至2026-04，15万元，主持

•[中国电力行业改革的系统映射](https://kyxxglxt.tsinghua.edu.cn/business/vprojectAction!to_view.action?entity.id=26ef84cd92c2bb2c0192f59d820a15d3&isPersonalCenter=false&ck=G9ITHL8V33LP28HDIB8SQIXJCFQSII7I&ck=G9ITHL8V33LP28HDIB8SQIXJCFQSII7I" \o "项目查看" \t "https://kyxxglxt.tsinghua.edu.cn/business/_blank)，伦敦大学学院，2024-12至2025-07，7万英镑，主持

•新能源发电设备回收循环利用研究，水电水利规划设计总院，2024-11至2025-06，82.8万元，主持

•碳电市场改革发展趋势及集团参与策略研究，中国广核电力股份有限公司， 2024-11至2025-06，79.8万元，主持

•可再生能源市场机制理论、政策与实践，清华大学科研院，2024-09 至 2025-09，20万元，主持

•支持未来中国可再生能源发展的立法与更广范围降碳研究，美国环保协会北京代表处，2024-12至2025-12，45万元，主持

•[可再生能源评估与新型电力系统建模分析（三期）](https://kyxxglxt.tsinghua.edu.cn/business/vprojectAction!to_view.action?entity.id=26ef84ce971f2b6501972031871219ed&isPersonalCenter=false&ck=G9ITHL8V33LP28HDIB8SQIXJCFQSII7I&ck=G9ITHL8V33LP28HDIB8SQIXJCFQSII7I" \o "项目查看" \t "https://kyxxglxt.tsinghua.edu.cn/business/_blank)，清华大学科研院，2024-05至2025-04，15万元，主持

•全国碳排放权交易市场有偿分配研究，生态环境部经清华大学国家治理与全球治理研究院委托，2024-04至2024-12，10万元，主持

•碳排放连续在线监测在全国碳市场（发电行业）的应用条件评估与案例研究，美国环保协会北京代表处，2023-10至2024-12，49万元，主持

•拓展全球企业供应链可再生清洁电力项目，卡内基梅隆大学，2024-03至2024-10，7.5万美元，主持

•绿电、绿证、碳市场协同支持可再生能源发展机制研究，清华大学科研院，2023-09至2024-09，30万元，主持

•,碳普惠机理与减排额外性实证研究，北京交研都市交通科技有限公司，2023-07至2024-06，50万元，主持

•,城市园区绿色能源发展转型评估研究，水电水利规划设计总院，2023-10至2023-12，47万元，主持

•,新能源平价项目绿电绿证交易和碳资产交易增收创效路径研究，国华能源有限公司，2023-09至2024-06，42万元，主持

•,可再生能源评估与新型电力系统建模分析，清华大学科研院，2023-10至2024-03，12.87万元，主持

•,清华大学-腾讯 “碳市场：基于技术解决方案的测量、报告与核证（MRV）”产学研深度融合专项计划，腾讯臻益（北京）企业发展有限公司，2024-04至2027-08，1800万元，主持子课题

•面向我国碳中和最优路径实现的自然-社会系统多尺度相互作用模式耦合、数据监测支持和决策支撑研究的顶层设计，国家自然科学基金委员会，2023-01至2025-12，2000万元，主持子课题

•碳达峰碳中和路径与对策综合研究，国家自然科学基金委员会，2022-01至2025-12，300万元，主持子课题

•我国中长期风能与太阳能发电协同发展的布局优化和激励机制研究，国家自然科学基金委员会， 2020-01至2023-12，49.5万元，主持

•中欧电力行业深度脱碳：市场和政策机制设计，国家自然科学基金委员会中德科学中心，2022-11至2025-10，62.96万元，主持

•支持“双碳”发展的财税政策研究，财政部经清华大学国家治理与全球治理研究院委托，2023-07至2023-10，10万元，主持

•清华大学-中国长江三峡集团有限公司气候变化治理机制与绿色低碳转型战略联合研究中心，中国长江三峡集团有限公司，2021-08至2026-08，3000万元，主持子课题

•海外高层次人才青年项目，中组部，2021-01至2023-12，200万元，主持

•基于多源异构数据融合共享的城市能源电力碳排放监测、诊断关键技术研究，国网浙江省电力有限公司信息通信分公司，2022-04至2023-12，160万元，主持

•双碳目标下“电-碳”市场协同及绿色电力认证关键技术研究，国网北京市电力公司，2022-05至2023-12，80万元，主持

•全国碳市场碳价影响因素分析与拍卖机制研究，美国环保协会，2022-09至2023-09，45万元，主持

•双碳目标下能源保供前瞻性研究，财政部经建司经水电水利规划设计总院委托，2022-10至2022-12，47万元，主持

•电网企业推动碳金融市场建设和碳排放计量相关问题研究，南方电网能源发展研究院，2021-11至2022-12，177.5万元，主持

•电网企业碳资产发展战略研究，国网山东省电力公司经济技术研究院，2022-07至2022-12，139.8万元，主持

•雄安绿色交易及电碳市场协同发展机制研究，国网河北省电力有限公司，2022-05至2022-12，93万元，主持

•全国碳市场的拍卖机制设计研究，美国环保协会，2021-09至2022-09，49.5万元，主持

•基于区块链技术的源网柔性互动数据管理应用开发，国网山东电力青岛供电公司，2022-03至2022-08，98.1万元，主持

•国有企业绿色低碳发展研究，国资委社会责任局经清华大学国家治理与全球治理研究院委托，2022-04至2022-06，10万元，主持

•碳达峰目标对经济结构调整的影响研究，国家发展和改革委员会发展战略和规划司，2021-09至2021-12，10万元，主持

•财政支持构建以新能源为主体的新型电力系统的关键问题研究，财政部经建司经水电水利规划设计总院委托，2021-11至2021-12，22万元，主持

•民用采暖清洁化过程的经济可持续性研究，生态环境部大气环境司经清华大学国家治理与全球治理研究院委托，2021-05至2021-12，10万元，主持

•参与碳市场的企业排放数据质量分析与预警系统，美国环保协会，2020-09至2021-09，49.5万元，主持

•中国碳定价政策对于能源和二氧化碳排放影响的区域分析，经济合作与发展组织（OECD）/国际能源署（IEA），2019-07至2023-06，13.12万欧元，主持

•中国可再生能源主导的能源革命综合经济社会效益评价研究，国家能源局新能源司经世界银行委托， 2019-09至2020-12，150万元，主持

•支撑能源安全的石油真实国内需求研究，国家发展和改革委员会发展战略和规划司，2020-05至2020-08，10万元，主持

•“十四五”时期能源消费预测和控制目标研究，国家发展和改革委员会发展战略和规划司，2019-11至2019-12，10万元，主持