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### رساله‌های دکتری

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	برنامه ریزی و بهره برداری بهینه از طرحهای توسعه منابع آب در حوزه رودخانه های فرامرزی با استفاده از رویکرد نظریه بازیها	بنت الهدی اصل روستا و سیدجمشید موسوی	مهر 1398
2	بهینه سازی بهره برداری زمان واقعی از سیستم های جمع اوری رواناب شهری در زمان سیلاب	فاطمه جعفری و سیدجمشید موسوی	اردیبهشت 1398
3	مدیریت آبخوان تحت شرایط بهره بردای متغییر، رویکرد بهینه سازی چند هدفه	مجید احتیاط و سیدجمشید موسوی	خرداد 1394
4	مدلسازی تلفیقی هیدرولوژیک - تخصیص منابع آب در مقیاس حوضه آبریز با احتساب اثرات تغییر اقلیم و الگوی کشت	سیدسعید اشرف واقفی و سیدجمشید موسوی	مهر 1393
5	بهینه سازی برنامه ریزی آبیاری تحت شرایط عدم قطعیت	حسین علیزاده و سیدجمشید موسوی	بهمن 1391
6	مدل بهینه سازی بهره برداری زمان واقعی از سیستم مخازن چندگانه در شرایط سیلابی	بابک بیات و سیدجمشید موسوی	مهر 1390
7	برنامه ریزی تخصیص منابع آب در سطوح حوضه آبریز رویکرد شبیه سازی	مجتبی شوریان و سیدجمشید موسوی	اسفند 1387

### پایان‌نامه‌های کارشناسی ارشد

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اسفند 1399	فاطمه رضایی ادریانی و سیدجمشید موسوی	تاثیر دقیق پیش بینی بارش در بهره برداری زمان واقعی از سیستم های جمع آوری آب شهری در زمان سیلاب	1
بهمن 1398	ساناز فداکارسركندی و سیدجمشید موسوی	کاربرد استراتژی های تنظیم سازی مکانی در تخمین مقادیر پارامتر مدل های هیدرولوژیکی توزیعی	2
بهمن 1398	زانیار عسگری مطلق و سیدجمشید موسوی	بهینه سازی در مقیاس حوضه ای بهره برداری از مخازن سد ها با استفاده از رویکرد چند عامله	3
بهمن 1398	مهنور روحی نیا و سیدجمشید موسوی	مقایسه روش های برنامه ریزی پویای احتمالاتی و بهینه سازی معین مبتنی بر پیش بینی جریان در بهره برداری بهینه از مخازن سدها	4
خرداد 1398	مصطفی صابریان و سیدجمشید موسوی	بهینه سازی بهره برداری از سیستم های چند مخزنه آب سطحی با اتوماتای سلولی	5
اسفند 1397	علی ملکی و سیدجمشید موسوی	مدلسازی و تحلیل حساسیت حذف ویروس طی ذخیره سازی و بهبود فاضلاب سطحی شهری در سفره آبهای زیرزمینی	6
اسفند 1397	امید رسولی و سیدجمشید موسوی	توسعه یک سیستم حسابداری آب با استفاده از مدل های پشتیبان و سنجش از دور	7
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بهمن 1396	مجید زارع مهرجردی و سیدجمشید موسوی	ارزیابی سناریوهای تغییرات منابع، مصارف و ذخیره آب در حوضه ی زربنه رود و اثرات آن و جریان ورودی به دریاچه ارومیه	11
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## کتاب

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2	مدیریت منابع آب: رویکرد سیستمی	سیدجمشید موسوی	ایران	1394	1

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## دروس ارائه شده

#	عنوان درس	توصیف درس	دوره سرفصل ها	دوره درسی
1	Engineering Hydrology	PP		Fall 2021
2	Water Resources & Management Systems Analysis (I)	Lack of sufficient water has made managing water resources crucial. Systems approach and techniques, as a multidisciplinary field, and how they can be used in planning and management of water resources are the main subject of this course. Students are		Fall 2021
3	Engineering Hydrology	PP		Spring 2021
4	Advanced Engineering Hydrology	This course is to introduce students the principles of hydrologic modeling.		Spring 2021

5	Engineering Hydrology	PP		Fall 2020
6	Water Resources & Management Systems Analysis (I)	Lack of sufficient water has made managing water resources crucial. Systems approach and techniques, as a multidisciplinary field, and how they can be used in planning and managemnet of water resources are the main subject of this course. Students ar		Fall 2020